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ABSTRACT

This handbook is designed to facilitate the placement of foreign students in U.S. colleges and universities. While it particularly emphasizes graduate and undergraduate admissions, it also provides information on many upper secondary and postsecondary programs as well. The handbook provides educational structure profiles on 131 countries and the Canadian provinces, each of which includes information on the country's educational system, their grading system, advice for admissions officers, and additional information or sources dealing specifically with each country listed. The educational system sections are coded with credentials identified by type and level. The grading system sections are generally drawn from reports published by Projects for International Education Research and the World Education Series of the American Association of Collegiate Registration and Admissions Offices. The advice sections provide general guidelines for admission and placement of students. Contains a bibliography of 11 items. (GLR)

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HANDBOOK ON THE PLACEMENT OF FOREIGN GRADUATE STUDENTS

1990 EDITION

Edited by William J. Paver

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National Association for Foreign Student Affairs
Washington, DC

1990 EDITION

Edited by William J. Paver

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Preface

The *Handbook on the Placement of Foreign Graduate Students, 1990 Edition* is designed to facilitate the placement of foreign students in U.S. colleges and universities. While it particularly emphasizes graduate admission, undergraduate admissions officers will find that it provides useful information on many upper secondary and postsecondary programs as well. Its information is based on reference materials on the educational system of each country current at the time of publication. Because educational practices change swiftly in many countries, readers should consult other sources of information as they become available.

Handbook users should keep in mind the following points when examining the country profiles:

1. **Educational System:** Credentials are lettered by type and level. For example, A = upper secondary, B = postsecondary diplomas, C = first degrees. This system is used throughout most of the profiles. Several countries have a more complex educational structure and, thus, a more complex lettering system.
2. **Grading System:** Information on grading systems is generally drawn from reports published by Projects for International Education Research (PIER) and the World Education Series (WES) of the American Association of Collegiate Registration and Admissions Offices (AACRAO).
3. **Advice for Admissions Officers:** The advice provided suggests general guidelines for admission and placement. Institutional policies should be considered in the development and implementation of admission decisions. These guidelines have not been reviewed by the Council for the Evaluation of Foreign Educational Credentials, which approves placement recommendations for WES, PIER, and AACRAO monographs. They are, however, based upon recommendations approved by the council within the past 10 years and upon its current practices where no recent recommendations are available. Several sources listed in the bibliography (e.g., *The International Handbook of Universities and Other Institutions of Higher Education* and *Commonwealth Universities Yearbook*) were used to prepare profiles, and are valuable resources for admissions officers. Specific sources cited at the end of a profile indicate that the advice to admissions officers listed in that profile are drawn from the cited source.
4. **Additional Sources of Information:** Sources dealing specifically with each profile are listed here.

The production of this handbook has been made possible through the contributions of many people. Among them, I would especially like to thank the authors of the country profiles; my co-editor, Ann Fletcher; Julia Austin, who worked on the format and wrote many of the new profiles; Robert Watkins and Jim Haas, who edited for content and assisted in the development of several profiles; my secretary, Tammy Hegefeld, whose assistance in this project was critical to its success; the United States Information Agency (USIA), who helped with the financing of the project; and to Shirley Binder and the University of Texas at Austin for providing me the support I needed to complete this project. This latest edition of one of NAFSA's most popular publications would simply not be available without their help.

William J. Paver

Austin, Texas
Spring 1990

List of Countries Profiled

A

Afghanistan
Albania
Algeria
Angola
Argentina
Australia
Austria

B

Bahrain
Bangladesh
Barbados
Belgium
Bolivia
Botswana
Brazil
Bulgaria
Burkina Faso
Burundi

C

Cambodia
Cameroon
Canada
 Alberta
 British Columbia
 Manitoba
 New Brunswick
 Newfoundland
 Nova Scotia
 Ontario
 Prince Edward Island
 Quebec
 Saskatchewan
Chad
Chile
China, People's Republic of
Colombia
Costa Rica
Cuba
Cyprus
Czechoslovakia

D

Denmark
Dominican Republic

E

Ecuador
Egypt
El Salvador
Ethiopia

F

Finland
France

G

Gabon
German Democratic Republic
Germany, Federal Republic of
Ghana
Greece
Guatemala
Guinea

H

Haiti
Honduras
Hong Kong
Hungary

I

Iceland
India
Indonesia
Iran
Iraq
Ireland
Israel
Italy
Ivory Coast

J

Jamaica
Japan
Jordan

K

Kampuchea (see Cambodia)
Kenya
Korea, Democratic People's Republic of
Korea, Republic of
Kuwait

L

Laos
Lebanon
Lesotho
Liberia
Libya

M

Malawi
Malaysia
Mali
Mauritania
Mauritius
Mexico
Morocco
Mozambique

N

Nepal
Netherlands
New Zealand
Nicaragua
Niger
Nigeria
Norway

O

Oman

P

Pakistan
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Poland
Portugal

Q

Qatar

R

Rhodesia (see Zimbabwe)

Romania

Rwanda

S

Saudi Arabia

Senegal

Sierra Leone

Singapore

Somalia

South Africa

Spain

Sri Lanka

Sudan

Suriname

Swaziland

Sweden

Switzerland

Syria

T

Taiwan

Tanzania

Thailand

Trinidad and Tobago

Tunisia

Turkey

U

Uganda

United Arab Emirates

United Kingdom

Upper Volta (see Burkina Faso)

Uruguay

U.S.S.R.

V

Venezuela

Vietnam

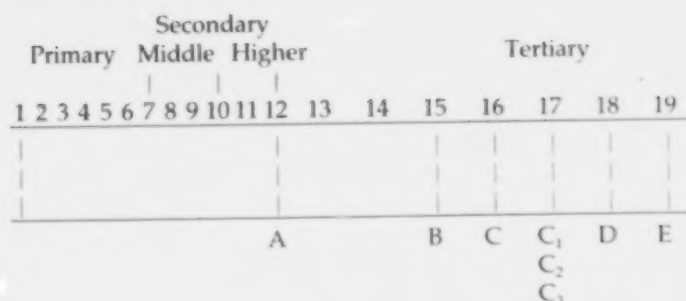
Y

Yemen, Arab Republic
Yemen, People's Democratic Republic of
Yugoslavia

Z

Zaire
Zambia
Zimbabwe

Afghanistan



- A *Baccaluria* (secondary school certificate, vocational certificate)—awarded upon completion of three years of higher secondary education in general liberal arts and science or vocational curriculum.
- B *Diploma*—awarded upon completion of three years of full-time tertiary education.
- C *Leicanc* in arts, science—first university degree, awarded upon completion of four years of full-time tertiary education.
- C₁ *Leicanc* in engineering (after 1974)—first university degree, awarded upon completion of four years of full-time tertiary education and one year of practical training.
- C₂ Bachelor of Engineering, Bachelor of Technology—awarded upon completion of five years of full-time tertiary education.
- C₃ *Leicanc* in dentistry—first professional degree, awarded upon completion of five years of full-time tertiary education.
- D Master's degree—awarded by Faculty of Letters in Persian and Pashto after six years of tertiary education.
- E *Doctori* (Doctor of Medicine)—first professional degree in medicine, awarded upon completion of one year of preprofessional education, five years of full-time tertiary education, and a one-year internship.

Grading System

A	90-100	Minimum pass in individual class—50%
B	80- 89	Minimum overall percentage for graduation—55%
C	55- 79	
D	50- 54	
E	0- 49	

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Primary			Secondary						Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
									A		A ₁			B	C	C ₁	C ₁
										A ₂							

- ### Grading System

- ### Advice for Admissions Officers

- _____

Primary						General						Tertiary					
Middle		Secondary															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
									A	A ₁	A ₂	B	B ₁	C	C ₁	D	F*
													C	C ₁	D ₁	D ₁	F ₁ *
														C ₂	E		

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- A *Certificat de Culture Generale et Professionnelle* (Certificate of General and Professional Culture)—awarded after one year of special training for elementary-level teachers.
- A₁ *Brevet Supérieur de Capacité* (Higher Teacher Certificate)—awarded after two years of special training for elementary-level teachers.
- A₂ *Baccalauréat de l'Enseignement Secondaire* (Secondary School Certificate)—awarded in scientific, mathematic, literary, commercial, and technical sections upon completion of six years of middle and secondary education.
- B *Certificat de Capacité en Droit* (Certificate in Law)—awarded upon completion of two years of tertiary education.
- B₁ *Diplôme*—awarded upon three years of tertiary study in some fields.
- C *Licence*—first university degree, awarded upon completion of four years (three years in some fields) of tertiary education.
- C₁ *Diplôme d'Etudes Supérieures (DES)* (Diploma in Higher Studies)—first university degree, awarded upon completion of four years of tertiary education. NOTE: Although this is called a Diploma in Higher Studies, it is a first degree.
- C₂ *Diplôme en Sciences Politique, Diplôme en Chirurgie Dentaire*—first university degree, awarded upon completion of four years of tertiary education.
- C₃ *Diplôme en Pharmacie, Diplôme d'Ingénieur* (Diploma in Engineering), *Doctorat en Sciences Veterinaires* (Doctor in Veterinary Sciences)—first university degree in pharmacy, awarded upon completion of five years of tertiary education.
- D *Magister*—second university degree; awarded upon completion of two years of study beyond the licence, DES, diplôme.
- D₁ *Diplôme d'Etudes Approfondies* (Diploma of Advanced Studies)—second university degree, awarded upon completion of one to two years of research work after the bachelor's degree.
- E *Doctorat en Médecine* (Doctor of Medicine)—first professional degree in medicine, awarded upon completion of six years of tertiary education.
- F *Doctorat en Troisième Cycle* (Third Cycle Doctorate)—awarded upon presentation of dissertation. (Time not specified.)
- F₁ *Doctorat d'Etat* (State Doctor's Degree)—highest professional degree, awarded upon submission and defense of major research thesis. (Time not specified.)

Grading System

Many different transcripts are issued, most of which will give the scale and the coefficients used. Grading is generally severe.

0-20 scale	0-80 scale	Mention	0-100	Letter	Written
10 passing	40 passing	(honors)	scale	grade	equivalent
15-20	64-80	<i>Tres bien</i>	95-100	A	Excellent
13-14	56-63	<i>Bien</i>	90-94	A-	Very good
12	48-55	<i>Assez bien</i>	85-89	B+	Good
11	44-47	<i>Passable</i>	75-84	B	"Commendable"
10	40-43		70-74	C	

In 1977, some university faculties adopted the grading system of 0-5. These scores may be interpreted by using either 4 as a coefficient or 20 as a coefficient, and comparing them to a 0-20 or 0-100 scale.

Advice for Admissions Officers

- Applicants who have received a *Professeur d'Education*, licence, diplôme, or *Diplôme d'Etudes Supérieures* after four or more years of study may be considered for graduate admissions.

- ### Additional Sources of Information

Educational System

A Secondary school certificate—awarded after completion of four years of primary, followed by seven years of secondary studies divided into three cycles. Titled *Carta do curso complementar liceus* or *Diploma de ensino (pre universitário, normal pedagógico para o ensino de base, normal de educação física, industrial pedagógico, or médio)*. Entrance to higher education requires the secondary school certificate and an entrance examination.

B *Bacharel/bacharelato*—first university degree, awarded after three years of study beyond the secondary level.

C *Licenciado/licenciatura*—second university degree, awarded after two years of study beyond the *bachelor*.

D *Doutorado*—awarded after completion of two to three years of study beyond the *licenciado* (seven to eight years of study beyond the secondary level).

Not available.

- An applicant holding the *bacharel* plus the *licenciado* may be considered for admission to graduate school. The *bacharel* alone is considered insufficient preparation for graduate study.

Argentina

- A *Bachillerato*—awarded upon completion of five years of secondary education. Allows access to university and other postsecondary study.
- A₁ *Perito Mercantil*—diploma awarded upon completion of commercial secondary program that includes academic core. Allows access to university study.
- A₂ *Certificado de Tecnico*—awarded upon completion of five- to six-year agricultural or preprofessional program. May permit access to university.
- A₃ *Bachillerato Especializado*—awarded upon completion of six-year secondary program allowing more intensive (*not* more advanced) study in the student's major subject.
- B *Profesor para la Enseñanza Primaria*—awarded upon completion of three-year program at higher teacher training institute.
- B₁ *Tecnico Universitario* and other intermediate professional titles (i.e., *Perito Administrador*, *Trabajador Social*, etc.)—awarded by some universities in specific majors after three years of study.
- B₂ *Bachillerato Universitario*—awarded by some universities after three to four years of study.
- C *Profesor*—first university degree in pedagogy; awarded after four years of study.
- C₁ *Licenciatura*—first university degree in most fields awarded upon completion of four to six years of study.
- C₂ *Abogado*, *arquitecto*, *ingeniero*, *doctor*—first professional degree awarded after five to seven years of study. The title is specific to the field of study.
- D *Maestria*—first graduate degree awarded after two years of study beyond the *licenciatura*.
- D₁ *Doctorado*—highest degree awarded. Awarded upon completion of a thesis, usually two to three years after *licenciatura*.

All levels of education:

The entire grading scale is used, but grades of 9 and 10 are reserved for outstanding achievement. Grading practices vary from one university to another and from one department to another. Generally, a cumulative average of 6 or

Argentina

higher represents above average achievement; an average of 8 or higher reflects superior work.

Advice for Admissions Officers

- Holders of the *licenciatura* or other first university degrees requiring at least four years of full-time university level study may be considered for graduate admission.
- Holders of first degrees in engineering, architecture, medicine, and law may be considered for graduate study in the same field.
- The *doctorado* will continue to be awarded after *licenciado* since many universities are not yet awarding the *maestría*. Requirements for the *doctorado* vary from institution to institution, with some requiring research and thesis and others including extra coursework.
- Titles of the same name are awarded at different levels (i.e., *doctor*, *profesor*). The chronology of the student's educational history will verify the level of the credential.

Additional Sources of Information

Robinson, David A., *Summaries of Education in Argentina, Honduras, Costa Rica, Panama*. 1980.

Rudolph, James D., *Argentina, A Country Study*. Washington, D.C., The American University, 1985.

Australia

Educational System

Primary Secondary												Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
											A			B	C	C ₁	C ₂	C ₄	E
														B ₁	C ₁	C ₂	C ₄	D	E ₁
															C ₄	C ₃	D	E	
															C ₅	C ₄	E		
																D			

- A Secondary school certificates—awarded upon completion of 12 years of primary-secondary education. Each state differs slightly; however, total education is equivalent to 12 years.
- B Undergraduate diploma—awarded upon completion of three years of tertiary study.
- B₁ Ordinary or Pass (bachelor's) degree—awarded upon completion of three years of tertiary study.
- C Bachelor's degree (honours)—awarded upon an additional year's study after the completion of the three-year bachelor's degree.
- C₁ Bachelor's degree—awarded after four or five years of tertiary study.
- C₂ Professional degree—first university degree awarded after five or six years of tertiary study.
- C₃ Postgraduate diploma—awarded after approximately one year of study beyond the bachelor's level.

- C₄ Second bachelor's degree—awarded after one to three years of study beyond the first bachelor's degree.
- C₅ Master's qualifying year—year of study prior to master's level work required by many Australian universities for master's applicants with the three-year ordinary/pass bachelor's degree.
- D Master's degree—awarded after one to two years' study beyond the bachelor's level.
- E Doctor of Philosophy—awarded after a minimum of two to three years of study beyond either the honours bachelor's degree or the master's degree.
- E₁ Higher Doctorate (D.Litt., D.Sc., D.Mus.)—prestigious degree conferred five to nine years after the first degree for published work based on original research.

NOTE: The above represents a *very general outline* of university degrees offered and the time needed to complete them. A majority of degrees are offered as ordinary and honours degrees. It is possible for a four-year degree to be awarded as an honours degree if the student completes extra work at the required standard.

Some universities offer "joint" or "combined" degrees, which integrate two programs into a single bachelor's degree. These degrees can consist of two three-year degrees combined into a four-year degree, or a three-year bachelor's program earned in conjunction with a one-year Diploma of Education. Some degrees, such as the Bachelor of Education, may be an undergraduate degree in one university and a postgraduate degree in another. It is recommended that a syllabus of a particular university, or a reference book such as the *Commonwealth Universities Yearbook* or *Directory of Tertiary Courses* be consulted for specific degrees and the time required for each.

The master's degree may be earned by class work, research, or a combination of the two. Comprehensive examinations are required in some fields. The doctorate will almost always be a research degree. The Doctor of Science, Doctor of Laws, Doctor of Literature, and the Doctor of the University may be earned degrees at some universities and honorary degrees at others.

Grading System

Ordinary or Pass degrees: Ordinary or Pass degrees are not classified. They are recorded as BA (Ord) indicating that the holder has received an overall passing grade.

Honours degrees are awarded in the following classifications:

1. First Class Honours: or Class I; or HF (during some years in Tasmania).
2. Second Class Honours—Division A: or Class II—Division A; Class 2A; Ili; or HU (during some years in Tasmania).
3. Second Class Honours—Division B: or Class II—Division B; Class 2B; Ilii; or HL (during some years in Tasmania).
4. Third Class Honours: or Class III; Class 3; or HT (during some years in Tasmania).

Honours master's degrees may be awarded according to one of three general patterns:

1. First Class Honours; Second Class Honours A; Second Class Honours B.
2. Honours Class I; Honours Class II.
3. Distinction.

Candidates for an honours master's with an unsatisfactory result may be awarded a "pass master's." Doctoral degrees and postgraduate diplomas are not classified.

- school)—awarded upon completion of a one and one-half to two-year vocational program. (Admission requirement is a *Reifeprüfungszeugnis* from a general secondary school or a senior vocational school in a different vocational field; considered to be secondary-level training in Austria.)
- B *Diplom* (diploma) from *Akademie für Sozialarbeit* (academy for social work)—awarded upon completion of two-year program (three years for 1989 graduates). (Although the maturity examination certificate after 12–13 years of education is the usual entry requirement, a few students with a minimum of 10 years of education who pass the aptitude test may enter.)
- B₁ *Lehramtsprüfungszeugnis* or *Zeugnis über die Lehramtsprüfung* from *Berufspädagogische Akademie* (vocational pedagogical academy)—awarded upon completion of one to three years of vocational teacher training.
- B₂ *Diplom* (diploma) with professional title in a senior-level medical technician specialty—awarded upon completion of two to three years of paramedical training in physical therapy, medical laboratory technology, radiology technology, dietetics, occupational therapy, speech therapy and audiology technology, or eye care technology.
- B₃ *Zeugnis über die Lehramtsprüfung für Volksschule* (primary school teachers' certificate)—awarded upon completion of two-year program (three years for 1988 graduates) at a *Pädagogische Akademie* (pedagogical academy).
- B₄ *Zeugnis über die Lehramtsprüfung für* _____ (school type) (*Hauptschulen, Hauptschulen und Polytechnische Lehrgänge, or Sonderschulen*) which are teaching credentials for lower secondary schools, lower secondary and prevocational programs, or special education—awarded after completion of three-year program at a *Pädagogische Akademie* (pedagogical academy).
- B₅ *Abschlusszeugnis* (leaving certificate) from *Schule für Ehe- und Familienberater, Lehranstalt für Familientherapie, or Lehranstalt für Ehe- und Familienberater* (schools for marriage and family counseling)—awarded upon completion of a part-time program lasting three and one-half years (approximately equivalent to full-time program lasting two years).
- B₆ *Akademisch Geprüfter* _____ (title) (*Übersetzer, Versicherungsmathematiker, Datentechniker, Opernsänger, Konzertsänger, Musiktherapeut, or Kirchenmusiker*) or Academically Certified _____ (title) (Translator, Actuary, Computer Engineer, Opera Singer, Concert Singer, Music Therapist, or Church Musician)—academic title awarded after a legal minimum study duration of two to four years (usually three years), although actual study duration is usually longer.
- C *Magister* or *Diplom-Ingenieur*—first university degree awarded after studies lasting a legal minimum of four to five years, though usually lasting six to seven years.
- C₁ *Diplom, Diplomzeugnis, Reifezeugnis, Lehrbefähigungszeugnis* from a fine arts college (credentials from old system)—awarded after completion of a university-level fine arts curriculum lasting four to seven years minimum.
- D *Diplomierter* _____ (title) (*Wirtschaftstechniker or Umwelttechniker*)—academic title awarded after a legal minimum study duration of two years. (Entry requirement is *Diplom-Ingenieur* degree).
- E *Doktor*—second university degree awarded after studies lasting a legal minimum of two to four semesters, though usually lasting longer.

Grading System

Individual and comprehensive grades are awarded by Austrian universities. Individual grades are awarded after coursework is completed or after one part of a multi-part examination. Comprehensive grades, which are awarded for examinations that consist of several parts, combine several individual grades according to a legally defined formula.

Austria

Individual grades:

<u>Number grade</u>		<u>Verbal grade</u>	<u>Suggested U.S. equivalent</u>
1	<i>Sehr gut</i>	Very good	A
2	<i>Gut</i>	Good	B + /B
3	<i>Befriedigend</i>	Satisfactory	B - /C +
4	<i>Genugend</i>	Sufficient	C
5	<i>Nicht genugend</i>	Fail	F

Comprehensive grades:

mit Auszeichnung bestanden (passed with distinction)—at least half of the individual grades are *sehr gut* and all remaining grades are *gut*.

bestanden (passed)—each individual grade is at least *genugend*, but conditions necessary for the higher comprehensive grade do not exist.

nicht bestanden (not passed)—at least one individual grade of *nicht genügend* exists.

Advice for Admissions Officers

- Applicants holding the *magister* or the *diplom-ingénieur* may be considered for graduate admission.
- The second university degree, the *doktor*, may be considered comparable to an earned doctorate in the United States.

Additional Sources of Informations

Bodenman, Paul S., *The Educational System of Austria*. U.S. Government Printing Office, Washington, D.C., 1980.

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Lukas, Karen, *Austria: A Study of the Educational System of Austria and a Guide to the Academic Placement of Students in Educational Institutions of the United States*. WES, AACRAO, 1987.

Steiner, Kurt (ed.), *Modern Austria*. SPOSS, Inc., 1981.

Universitäten/Hochschulen. Bundesministerium für Wissenschaft und Forschung und Bundesministerium für soziale Verwaltung, Wien, published annually.

Bahrain

Educational System

Primary						Secondary						Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	12.5	13	14	14.5	15	16	16.5	17	18	19

- A Secondary school certificate, diploma from a religious institute—awarded upon completion of 11 years of education.
- A₁ Secondary school certificate/diploma from a religious institute (agriculture, arts, commercial, health sciences [nursing], hotel and catering, industrial, music, printing, sciences, textiles)—awarded upon completion of 12 years of education.
- B Orientation courses from Gulf Polytechnic and University College of Arts, Science, and Education—represents one or two semesters beyond the secondary school certificate/diploma.
- B₁ Diploma in technical studies, associate engineering diploma, commercial studies diploma, accounting diploma program, associate business diploma (Gulf Polytechnic), diploma in population and statistical studies (University College of Arts, Science, and Education)—awarded upon completion of two years of study beyond the secondary school certificate/diploma.
- B₂ Medical secretary program (College of Health Sciences)—represents five semesters of study beyond the secondary school certificate/diploma.
- B₃ Associate degree (College of Health Sciences)—represents six semesters of study beyond the secondary school certificate/diploma.
- B₄ Maternal and child health nurse (College of Health Sciences)—represents two semesters of study beyond the associate degree.
- B₅ Diploma in community health nursing, health science education, midwifery, or psychiatric nursing (College of Health Sciences)—represents three semesters of study beyond the associate degree.
- C Bachelor of Science (Gulf Polytechnic and University College of Arts, Science, and Education), Bachelor of Arts, Bachelor of Physical Education, Bachelor of Education (University College of Arts, Science, and Education)—first university degree, awarded upon completion of four years of study beyond the secondary school certificate/diploma.
- C₁ Degree of Medical Doctor from Arabian Gulf University—first professional degree, awarded upon completion of seven years of study beyond the secondary school certificate/diploma.
- C₂ Certificate in Arabic and Islamic Studies (University College of Arts, Science, and Education)—represents one year of additional undergraduate coursework taken following completion of the bachelor's degree.
- D Postgraduate Diploma in Education (University College of Arts, Science, and Education)—represents one year of graduate coursework beyond the bachelor's degree.
- D₁ M.Ed. in Science Education (University College of Arts, Science, and Education)—second university degree, represents one year of full-time graduate coursework beyond the bachelor's degree. Thesis required.

Grading System

The most commonly used grading scale at Bahraini universities is one adapted from the U.S. system. As in the United States, each letter grade is given a point value (from four points for an "A" to zero points for an "F"). Courses are assigned a credit value (usually three credits per course). Semester and cumulative grade point averages are computed and appear on transcripts. The letter grades may be equated to descriptive grades as follows:

		Other abbreviations used include:	
A	90–100	Excellent	I Incomplete
B	80– 89	Good or very good	IF Incomplete or failed
C	70– 79	Fair or good	W Withdrew
D	60– 69	Weak or fair	P Pass
F	Below 59	Failing	No grade reported

Bahrain

Advice for Admissions Officers

- Holders of bachelor's degrees may be considered for graduate admission.
- Degree of medical doctor from Arabian Gulf University may be considered for graduate admission; may be considered comparable to a first professional degree in medicine in the U.S.
- Certificate in Arabic and Islamic Studies, University College of Arts, Science, and Education represents additional undergraduate coursework; no graduate transfer credit should be awarded.
- Postgraduate Diploma in Education, University College of Arts, Science, and Education represents one year of graduate coursework; possible graduate transfer credit.
- M.Ed. in Science Education, University College of Arts, Science, and Education may be considered comparable to a U.S. master's degree.

Additional Sources of Information

Johnson, J.K. (ed.) *The Admission and Academic Placement of Students From: Bahrain, Oman, Qatar, United Arab Emirates, Yemen Arab Republic, A Workshop Report, October–November 1983.* NAFSA/AACRAO, Washington, D.C. 1984.

Bangladesh

Educational System

Primary						Secondary						Tertiary											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
										A	B		C	C ₁	C ₃	D	E ₆	G	H	I	I	J	
														C ₂	C ₄	E ₁	F	H	H ₁		J		
														C ₃	D	E ₂	G						
															E	E ₃	H						
															E ₁	E ₄							
															E ₂	E ₅							
															E ₃								

- A Secondary School Certificate (SSC)—certificate awarded upon completion of five years of secondary education.
- B Higher Secondary School Certificate (HSC)—certificate awarded upon completion of two years of higher secondary education.
- C B.A. (Pass), B.Sc. (Pass), B.Com. (Pass), B.Mus. (Pass)—awarded upon completion of two years of tertiary education beyond the HSC.
- C₁ B.A. (Hons.), B.Sc. (Hons.), B.Com. (Hons.), B.S.S. (Hons.)—awarded upon completion of three years of tertiary education beyond the HSC.
- C₂ B.F.A.—awarded upon completion of five years of study beyond the SSC.
- C₃ B.Ed., B.Phys. Ed.—awarded upon completion of one year of study following a bachelor's degree.
- C₄ B.Sc. Ag., B.Sc. A.H., B.Sc. Fisheries, B.Sc. Ag. Engg., B.Sc. Ag. Econ. (all Hons.), D.V.M.—awarded upon completion of four years of tertiary study following the HSC.
- D LL.B.—awarded upon completion of two years of tertiary education beyond a bachelor's degree.

- E M.A., M.Sc., M.Com., M.S.S.—second university degree, awarded upon completion of two years of tertiary education following the B.A., B.Sc., B.Com. (Pass) degrees; or one year of tertiary education following the B.A., B.Sc., B.Com. (Hons.) degrees.
- E₁ M.Ed.—awarded upon completion of one year of study following the B.Ed.
- E₂ M. Library Science (M.L.Sc.), M. Stats.—awarded upon completion of two years of tertiary study following a bachelor's degree.
- E₃ M.B.A.—awarded upon completion of two years of tertiary study following any degree other than the B.Com.
- E₄ M.F.A.—awarded upon completion of two years of tertiary education following the B.F.A.
- E₅ M.Sc. (Ag.), M.Sc. (A.H.), M.Sc. (Fisheries) N.Sc. (Ag. Engg.), M.Sc. (Ag. Econ.), M.Sc. (Ag. Ext. Ed.), N.Sc. Vet. Sci.—awarded upon completion of one year of tertiary study following any B.Sc. in the agricultural education field (see C₄ above).
- E₆ M.Sc. Agri. Econ. (General), M.Sc. (Ag. Stat.)—awarded upon completion of two years of study following the B.Sc. Ag. (Hons.).
- F M. Phil.—awarded upon completion of two years of tertiary study following the M.A. or M.Sc.
- G LL.M.—awarded upon completion of two years of tertiary study following the LL.B.
- H Ph.D.—awarded upon completion of two to three years (minimum) of study following the first year of M.Phil.
- H₁ Ph.D. (Agriculture)—awarded upon completion of three years of tertiary study following any M.Sc. in the agricultural education field.
- I LL.D.—awarded upon completion of three years of study following the LL.M.
- J D.Litt., D.Sc.—awarded upon completion of three years of study following the Ph.D. for a total of 22 to 23 years of education. Represents post-Ph.D. research and publication.

Grading System

Final grades are assessed through examination:

First Class/Division	60%–100%	A
Second Class/Division	45%–59%	B
Third Class/Division	33%–44%	C
Failed	0%–32%	F

Pass degrees will list "Division" and honours degrees will list "Class" on their respective diplomas.

Advice for Admissions Officers

- It is recommended that a bachelor's degree of at least four years' length following the Higher School Certificate, or a master's degree, representing a minimum of 16 years of primary-secondary-tertiary education be the minimum requirement for admission to graduate and professional programs.

Additional Sources of Information

The Admission and Placement of Students from South Asia: Bangladesh, India, Pakistan, Sri Lanka. A PIER Workshop Report, AACRAO/NAFSA, Washington, DC, 1986.

Form: I II III IV V VI

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
									A	A ₁		A ₂		B C	C D	D	C ₁ D ₁ E	E

- A Barbados Secondary School Certificate, Part I—awarded upon completion of 10 years of education.
- A₁ Cambridge Overseas School Certificate (COSC)/Caribbean Examinations Council Secondary Education Certificate (CXC)—passes at Ordinary (O) level.
- A₂ Cambridge Overseas Higher School Certificate—two years of study beyond “O” levels. Barbados Community College can prepare student for Advanced (A) levels.
- B Certificate B—postsecondary teacher training.
- C Bachelor’s degree—three years of study after “A” levels or four years of study without “A” levels.
- C₁ Bachelor of Medicine Surgery (M.B. B.S.)—five years of study after “A” levels.
- C₂ Postgraduate Diploma in Education—awarded upon completion of one year of study beyond the bachelor’s degree.
- D Master’s degree—two years of study plus a thesis after bachelor’s degree.
- E Doctorate—at least three years of study plus a dissertation following bachelor’s degree or two years of study following master’s degree.

Grading System

Tertiary subject grading:

A, B, C (includes + and -)

Fail

Bachelor's degrees are classified:

First Class Honours

Second Class Honours-Upper Division

Second Class Honours-Lower Division

Third Class

Pass Class

Suggested
U.S. equivalent

A

$$A - B +$$

B

$$B - /C +$$

C

Advice for Admissions Officers

- Applicants who have earned the bachelor's degree may be considered for graduate admission.
- Postgraduate studies in professional areas normally do not yield graduate credit. The Diploma in Education from the University of the West Indies should satisfy entrance requirements in graduate education studies since students entering the program must have a bachelor's degree.
- A master's and a Ph.D. degree may be considered comparable to a U.S. master's and Ph.D. degree, respectively.

Add or a! Sources of Information

Fisher, Stephen H., *Commonwealth Caribbean*. AACRAO, 1979.

Educational System

Belgium

Elementary Secondary													Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
											A		B	B ₁	C	C ₁	I	K ₁	L	M*		
											A ₁		B ₂	B ₂	C ₂	C ₂	J	L				
											A ₂		B ₃	B ₃	D	E ₂	K					
											A ₃			B ₄	E	F						
														B ₅	E ₁	G						
																H						

*time not specified

The two ministries of Education in Belgium are responsible for either the French or the Dutch language institutions. The following educational credentials are first listed in the French, then in the Dutch.

- A *Certificat de l'enseignement secondaire supérieur/Getuigschrift van hoger secundair onderwijs* (Certificate of Higher Secondary Education)—awarded upon completion of three years of upper secondary education (modern and traditional programs). The certificate indicates whether the program followed was general, technical, or artistic.
- A₁ *Certificat d'études moyennes supérieures/Getuigschrift hoger middelbare studien* (Certificate of Higher General Studies), *Diplôme d'enseignement technique secondaire supérieur/Diploma hoger secundair technisch onderwijs* (Diploma of Higher Technical Studies), *Diplôme d'enseignement artistique secondaire supérieur/Diploma hoger secundair kunstonderwijs* (Diploma of Higher Artistic Education)—awarded by some schools following the traditional type of secondary education. They are legally equivalent to the Certificate of Higher Secondary Education.
- A₂ *Diplôme d'aptitude à accéder à l'enseignement supérieur/Bekwaamheids diploma dat toegang verleent tot het hoger onderwijs* (Diploma giving access to Higher Education)—awarded to students who have obtained a Certificate of Higher Secondary Education (or equivalent) who successfully pass the *Examen de maturité/maturiteitsexamen* (Maturity Examination). It is required for admission to university education.
- A₃ *Diplôme de l'examen d'admission aux études de candidat/Diploma van het toelatings examen voor de opleiding van kandidaat* (Diploma of the Admissions Examination for Candidature Studies)—awarded for success on university entrance examinations for admission to programs in mathematics, physics, engineering, and agricultural engineering.
- B *Candidature/Kandidatuur* (Candidate)—awarded upon completion of two years of first-cycle work in university and nonuniversity "long" programs; leads to second-cycle studies.
- B₁ *Candidature/Kandidatuur* (Candidate in veterinary or medical sciences)—awarded upon completion of three years of university studies.
- B₂ *Gradué/Gegradueerde* (Graduate)—awarded upon completion of two or three years of nonuniversity "short" courses in art, agriculture, economics, and engineering.
- B₃ *Instituteur (trice) préscolaire/Kleuterleid(s)ter* (preschool teacher), *Instituteur (trice) primaire/Onderwijzer(es)* (primary school teacher), *Aggrégation de l'enseignement inférieur (regent)/Aggregatie voor het lager secundair onderwijs (regentaat)* (lower secondary school teacher)—awarded upon completion of two- to three-year nonuniversity teacher training program.

Belgium

- B₄ *Conseiller Social/Maatschappelijk Adviseur* (Social Counselor), *Auxiliaire Social/Maatschappelijk Assistent* (Social Worker)—awarded upon completion of three years of nonuniversity "short" courses.
- B₅ *Ingenieur Technicien/Technische Ingenieur* (Technical Engineer)—awarded before 1977 upon completion of three years of nonuniversity technical studies.
- C *Licence/licentie*—awarded upon completion of four years (first- and second-cycle) of university-level studies.
- C₁ *Licence/licentie*—awarded upon completion of five years (first- and second-cycle) of university-level studies in dentistry, law, psychology.
- C₂ *Agregation de l'enseignement secondaire superieur/Aggregatie voor het hoger secundair onderwijs* (Secondary School Teaching Credential)—awarded upon completion of courses taken in second-cycle of university studies.
- D *Ingenieur Industriel/Industrieel ingenieur* (Industrial Engineer)—awarded upon completion of four years (first- and second-cycle) of university-level studies in engineering at higher schools of engineering.
- E *Diplome de l'enseignement superieur, arts du spectacle et techniques de diffusion cycle long/Diploma van hoger technisch onderwijs* (Diploma of Higher Studies in Media Arts and Broadcasting)—awarded upon completion of four years of higher, nonuniversity artistic education in communication fields.
- E₁ *Diplome: 2eme degre/Diploma: tweede graad* (Diploma of Second Level Art Education)—awarded upon completion of four years of studio art education.
- E₂ *Diplome: 3eme degre/Diploma: derde graad* (Third Level Art Diploma)—awarded upon completion of five years of studio art studies.
- F *Ingenieur civil/Burgerlijk ingenieur* (Engineer), *Ingenieur Agronome/Landbouwkundig Ingenieur* (Agricultural Engineer)—awarded upon completion of five years (first- and second-cycle) university engineering studies.
- G *Ingenieur commerciale/Handelsingenieur* (Applied Economist)—awarded upon completion of five years (first- and second-cycle) of university-level studies in applied economics and commerce.
- H *Architecte/Architect* (Architect)—awarded upon completion of five years (first- and second-cycle) of university-level studies in architecture; first professional degree.
- I *Pharmacien/Apotheker* (Pharmacist)—awarded upon completion of five years (first- and second-cycle) of university studies; first professional degree in the field.
- J *Licence en notariat/Licentie in het notariaats* (Diploma in Notary Science)—awarded upon completion of one year following licence in law.
- K *Doctorat en medecine veterinaire/Doctoraat in de diergeneeskunde* (Doctorate in Veterinary Medicine)—awarded upon completion of six years (first- and second- cycle) of university studies in veterinary medicine; first professional degree.
- K₁ *Doctorat en medecine, chirurgie et accouchements/Doctoraat in de genees-, heel-, en verloskunde* (Medical Doctor)—awarded upon completion of seven years (first- and second- cycle) of university medical studies; first professional degree.
- L *Doctorat/Doctoraat* (Doctorate)—awarded upon completion of a legal minimum of one year beyond second-cycle degree (three to four years or more are generally required) of research and submission of a dissertation.
- M *Agregation de l'enseignement superieur/Aggregatie voor het hoger onderwijs* (Higher Education Teaching Credential), *Doctorat speciale/Speciaal doctoraat* (Special Doctorate)—awarded upon completion of public defense of a dissertation and three minor theses at least two years after the doctorate.

Complementary University Qualifications (*grades complementaires/aanvullende graden*)

First- or Second-Cycle:

Certificate, *Certificat*, *Certificaat* or *Getuigschrift*, *Diploma*, *Diplome*, *Diploma*—admission requirements vary from completion of high school to first-cycle credential; length of study is one to two years, depending on the program.

Third-Cycle:

Licence, Licentie, Ingenieur civil, Burgerlijk Ingenieur, Licence speciale, Speciaal Licentie, or Bijzondere Licentie, Maitrise, Master, M.B.A.—generally one-year programs of specialization in field in which the second-cycle degree was taken.

Grading System

Tertiary Level

The following is a useful summary of grading scales used by institutions of higher education in Belgium. Variations are used by some universities. Grading is severe with "Satisfactory" considered average, "Distinction" required for doctoral studies, and "Greatest Distinction" awarded to very few students.

<u>Mentions</u>	<u>Percentage</u>	<u>Points</u>	<u>Suggested U.S. equivalent</u>
<i>Plus grande distinction</i> Grootste onderscheiding (greatest distinction)	90–100%	18–20	A +
<i>Grande distinction</i> Grote onderscheiding (great distinction)	80– 89%	16–17.99	A
<i>Distinction</i> Onderscheiding (distinction)	70– 79%	14–15.99	B
<i>Satisfaction</i> Voldoening (satisfactory)	60– 69%	12–13.99	C

Advice for Admissions Officers

- Completion of university programs requiring four or more years of study should be considered for graduate admission.
- Completion of non-university programs requiring four or more years of study should be considered for graduate admission following careful review of the program followed; programs are highly specialized.
- Completion of third-cycle complementary degree programs may be considered for graduate transfer credit. Most Belgian third-cycle programs leading to the doctoral degree do not include coursework.
- Completion of the *doctorat/doctoraat* degree represents a level of achievement beyond the U.S. master's degree; may be considered comparable to an earned doctorate in the United States.
- Completion of *Agregation de l'enseignement superieur/Aggregatie voor het hoger onderwijs* or *Doctorat Speciale/Speciaal doctoraat* is comparable to an earned doctorate in the United States.

Additional Sources of Information

Fletcher, Ann, *Belgium: A Study of the Educational System of Belgium and a Guide to the Academic Placement of Students in Educational Institutions of the United States*. WES, AACRAO, 1985.

Stassen, Manfred, ed., *Student Handbook-Higher Education in the European Community*. Luxembourg: Office for Official Publications of the European Community.

Primary	Secondary
1. <i>Chlamydia trachomatis</i>	1. <i>Chlamydia trachomatis</i>
2. <i>Neisseria gonorrhoeae</i>	2. <i>Neisseria gonorrhoeae</i>
3. <i>Trichomonas vaginalis</i>	3. <i>Trichomonas vaginalis</i>
4. <i>Herpes simplex virus</i>	4. <i>Herpes simplex virus</i>
5. <i>Human papillomavirus</i>	5. <i>Human papillomavirus</i>
6. <i>Candida albicans</i>	6. <i>Candida albicans</i>
7. <i>Streptococcus pneumoniae</i>	7. <i>Streptococcus pneumoniae</i>
8. <i>Staphylococcus aureus</i>	8. <i>Staphylococcus aureus</i>
9. <i>Escherichia coli</i>	9. <i>Escherichia coli</i>
10. <i>Haemophilus influenzae</i>	10. <i>Haemophilus influenzae</i>
11. <i>Mycoplasma genitalium</i>	11. <i>Mycoplasma genitalium</i>
12. <i>Ureaplasma urealyticum</i>	12. <i>Ureaplasma urealyticum</i>
13. <i>Chlamydia pneumoniae</i>	13. <i>Chlamydia pneumoniae</i>
14. <i>Legionella pneumophila</i>	14. <i>Legionella pneumophila</i>
15. <i>Coccidioides immitis</i>	15. <i>Coccidioides immitis</i>
16. <i>Histoplasma capsulatum</i>	16. <i>Histoplasma capsulatum</i>
17. <i>Blastomyces dermatitidis</i>	17. <i>Blastomyces dermatitidis</i>
18. <i>Cryptosporidium parvum</i>	18. <i>Cryptosporidium parvum</i>
19. <i>Isospora belli</i>	19. <i>Isospora belli</i>
20. <i>Toxoplasma gondii</i>	20. <i>Toxoplasma gondii</i>
21. <i>Microsporidium</i>	21. <i>Microsporidium</i>
22. <i>Giardia lamblia</i>	22. <i>Giardia lamblia</i>
23. <i>Entamoeba histolytica</i>	23. <i>Entamoeba histolytica</i>
24. <i>Naegleria fowleri</i>	24. <i>Naegleria fowleri</i>
25. <i>Acanthamoeba</i>	25. <i>Acanthamoeba</i>
26. <i>Plasmodium falciparum</i>	26. <i>Plasmodium falciparum</i>
27. <i>Plasmodium vivax</i>	27. <i>Plasmodium vivax</i>
28. <i>Plasmodium malariae</i>	28. <i>Plasmodium malariae</i>
29. <i>Plasmodium knowlesi</i>	29. <i>Plasmodium knowlesi</i>
30. <i>Trypanosoma brucei</i>	30. <i>Trypanosoma brucei</i>
31. <i>Trypanosoma cruzi</i>	31. <i>Trypanosoma cruzi</i>
32. <i>Leishmania</i>	32. <i>Leishmania</i>
33. <i>Strongyloides</i>	33. <i>Strongyloides</i>
34. <i>Trichostrongylus axei</i>	34. <i>Trichostrongylus axei</i>
35. <i>Trichostrongylus colubriformis</i>	35. <i>Trichostrongylus colubriformis</i>
36. <i>Trichostrongylus evansi</i>	36. <i>Trichostrongylus evansi</i>
37. <i>Trichostrongylus persistens</i>	37. <i>Trichostrongylus persistens</i>
38. <i>Trichostrongylus axei</i>	38. <i>Trichostrongylus axei</i>
39. <i>Trichostrongylus colubriformis</i>	39. <i>Trichostrongylus colubriformis</i>
40. <i>Trichostrongylus evansi</i>	40. <i>Trichostrongylus evansi</i>
41. <i>Trichostrongylus persistens</i>	41. <i>Trichostrongylus persistens</i>
42. <i>Trichostrongylus axei</i>	42. <i>Trichostrongylus axei</i>
43. <i>Trichostrongylus colubriformis</i>	43. <i>Trichostrongylus colubriformis</i>
44. <i>Trichostrongylus evansi</i>	44. <i>Trichostrongylus evansi</i>
45. <i>Trichostrongylus persistens</i>	45. <i>Trichostrongylus persistens</i>
46. <i>Trichostrongylus axei</i>	46. <i>Trichostrongylus axei</i>
47. <i>Trichostrongylus colubriformis</i>	47. <i>Trichostrongylus colubriformis</i>
48. <i>Trichostrongylus evansi</i>	48. <i>Trichostrongylus evansi</i>
49. <i>Trichostrongylus persistens</i>	49. <i>Trichostrongylus persistens</i>
50. <i>Trichostrongylus axei</i>	50. <i>Trichostrongylus axei</i>
51. <i>Trichostrongylus colubriformis</i>	51. <i>Trichostrongylus colubriformis</i>
52. <i>Trichostrongylus evansi</i>	52. <i>Trichostrongylus evansi</i>
53. <i>Trichostrongylus persistens</i>	53. <i>Trichostrongylus persistens</i>
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55. <i>Trichostrongylus colubriformis</i>	55. <i>Trichostrongylus colubriformis</i>
56. <i>Trichostrongylus evansi</i>	56. <i>Trichostrongylus evansi</i>
57. <i>Trichostrongylus persistens</i>	57. <i>Trichostrongylus persistens</i>
58. <i>Trichostrongylus axei</i>	58. <i>Trichostrongylus axei</i>
59. <i>Trichostrongylus colubriformis</i>	59. <i>Trichostrongylus colubriformis</i>
60. <i>Trichostrongylus evansi</i>	60. <i>Trichostrongylus evansi</i>
61. <i>Trichostrongylus persistens</i>	61. <i>Trichostrongylus persistens</i>
62. <i>Trichostrongylus axei</i>	62. <i>Trichostrongylus axei</i>
63. <i>Trichostrongylus colubriformis</i>	63. <i>Trichostrongylus colubriformis</i>
64. <i>Trichostrongylus evansi</i>	64. <i>Trichostrongylus evansi</i>
65. <i>Trichostrongylus persistens</i>	65. <i>Trichostrongylus persistens</i>
66. <i>Trichostrongylus axei</i>	66. <i>Trichostrongylus axei</i>
67. <i>Trichostrongylus colubriformis</i>	67. <i>Trichostrongylus colubriformis</i>
68. <i>Trichostrongylus evansi</i>	68. <i>Trichostrongylus evansi</i>
69. <i>Trichostrongylus persistens</i>	69. <i>Trichostrongylus persistens</i>
70. <i>Trichostrongylus axei</i>	70. <i>Trichostrongylus axei</i>
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72. <i>Trichostrongylus evansi</i>	72. <i>Trichostrongylus evansi</i>
73. <i>Trichostrongylus persistens</i>	73. <i>Trichostrongylus persistens</i>
74. <i>Trichostrongylus axei</i>	74. <i>Trichostrongylus axei</i>
75. <i>Trichostrongylus colubriformis</i>	75. <i>Trichostrongylus colubriformis</i>
76. <i>Trichostrongylus evansi</i>	76. <i>Trichostrongylus evansi</i>
77. <i>Trichostrongylus persistens</i>	77. <i>Trichostrongylus persistens</i>
78. <i>Trichostrongylus axei</i>	78. <i>Trichostrongylus axei</i>
79. <i>Trichostrongylus colubriformis</i>	79. <i>Trichostrongylus colubriformis</i>
80. <i>Trichostrongylus evansi</i>	80. <i>Trichostrongylus evansi</i>
81. <i>Trichostrongylus persistens</i>	81. <i>Trichostrongylus persistens</i>
82. <i>Trichostrongylus axei</i>	82. <i>Trichostrongylus axei</i>
83. <i>Trichostrongylus colubriformis</i>	83. <i>Trichostrongylus colubriformis</i>
84. <i>Trichostrongylus evansi</i>	84. <i>Trichostrongylus ev</i>

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16.5	17	18				
											A	A ₁					B	B ₂	C ₁	C ₂	C ₃	
											A	A ₂					B ₁	B ₁				
																	C					

- A *Tecnico* (secretarial only)—awarded after 11 years of education.
- A₁ *Bachiller en Humanidades*—awarded after 12 years of education.
- A₂ *Tecnico*—awarded after 12 years of education.
- B *Tecnico Superior*—awarded after three years of postsecondary study in most fields.
- B₁ *Profesor de Enseñanza* (for primary school teachers)—awarded after three years of postsecondary study in a Normal School. Also requires completion of a rural teaching obligation.
- B₂ *Tecnico Superior*—awarded after four years of postsecondary study in the following fields: biology, chemistry, social service, agriculture, and music.
- B₃ *Profesor de Enseñanza* (for secondary school teachers)—awarded after four years of postsecondary study in a Normal School. Also requires completion of a rural teaching obligation.
- C *Licenciado*—awarded after four years of university-level study in the following fields: humanities, biological sciences, accounting, and education.
- C₁ *Licenciado*—awarded after four and one-half years of university-level study in the following fields: nursing, dentistry, physics, sociology, and psychology.
- C₂ *Licenciado*—awarded after five years of university-level study in the following fields: physical sciences, geography, computer science, mathematics, statistics, business administration, law, economics, social service, and all engineering and technology programs.
- C₃ *Licenciado*—awarded after six years of university-level study in medicine and veterinary medicine.
- D *Experto/maestría*—awarded after two years of further study in a Higher Institute of Education. Represents a total of 18 years of education.

7	<i>Excelente</i>	Excellent	A
6	<i>Muy bueno</i>	Very good	B+
5	<i>Bueno</i>	Good	B-
4	<i>Regular</i>	Average	C
3	<i>Deficiente</i>	Deficient	C-/D
2	<i>Malo</i>	Bad	F
1	<i>Pesimo</i>	Very bad	F

3.6 average required for passing in teacher training programs.

90–100	<i>Sobresaliente</i>	Outstanding	A/A +
77– 89	<i>Distinguido</i>	Distinguished	B/B +
64– 76	<i>Bueno</i>	Good	C + /B –
51– 63	<i>Suficiente</i>	Sufficient	C – /C
0– 50	<i>Reprobado</i>	Failure	F

Advice for Admissions Officers

- ### Additional Sources of Information

Educational System

1	2	3	4	5	6	7	8	9	10	10.5	11	11.5	12	13	14	15	16	17
									A	A			A ₁	B	B ₁	B ₄	C	C ₂
										A ₂		A ₁	A ₃		B ₂	B ₅	C ₁	C ₃
													A ₄		B ₃	B ₆		D
													A ₅			B ₇		
													A ₆			B ₈		
													A ₇					
													A ₈					

- 19

Botswana

- A₆ Enrolled Nurse Certificate—awarded on completion of two years of study following Junior Certificate.
- A₇ Certificate in Agriculture—two years of full-time study at agricultural college following Junior Certificate.
- A₈ Certificate in Accounting and Business Studies (Cert. ABS), Certificate in Adult Education (Cert. Ad. Ed.), Maths. Ed., Cert. Sci. Ed., Cert. Social Work—two years of part-time study following Junior Certificate.
- B Certificate in Statistics (Cert. Stats.), Certificate in Library Science (Cert LS)—one year of full-time study following Cambridge Overseas School Certificate.
- B₁ Botswana Teachers' Certificate (B.T.C.)—two years of full-time study in teacher training colleges following Cambridge Overseas School Certificate.
- B₂ Diploma in Adult Education (Dip. Ad. Ed.)—two years of full-time study following Cambridge Overseas School Certificate or the Certificate in Adult Education.
- B₃ Diploma in Primary Education (Dip. PE)—two years of full-time study or three to five years of part-time following Cambridge Overseas School Certificate.
- B₄ Diploma in Accounting and Business Studies (Dip. ABS)—three years of part-time study for holders of a Certificate in Business Studies (Cert. ABS).
- B₅ Diploma in Statistics (Dip. Stats.)—two years of full-time study for holders of a Certificate in Statistics.
- B₆ Diploma in Theology (Dip. Th.)—three years of part-time study at university following Cambridge Overseas School Certificate.
- B₇ Diploma in Secondary Education (Dip. Sec. Ed.)—three years of full-time study at university following Cambridge Overseas School Certificate.
- B₈ Diploma in Library Science (Dip. LS)—two years of full-time university study following Cert. LS.
- C Bachelor's degree/B.A., B.Sc. gen., B.Sc. (geol), B. Com., B. Ed.—four-year degree program following Cambridge Overseas School Certificate.
- C₁ Bachelor of Education (Nursing)—three-year degree program with entry at a level equivalent to year two of a four-year degree program.
- C₂ Bachelor of Laws—five years of full-time study following the Cambridge Overseas School Certificate.
- C₃ Postgraduate Diploma in Education—one year of full-time study following bachelor's degree.
- D Master of Arts, Master of Science, Master of Education—one year of full-time study (or two part-time) following bachelor's degree.

Grading System

A	80–100%	Excellent
B	70– 79%	Very good
C	60– 69%	Good
D	50– 59%	Pass
E	40– 49%	Failure (can be retaken)
F	below 40%	Failure

Classes of degree:

I	First Class	A
II (i)	Second Class, First Division	B
II (ii)	Second Class, Second Division	C
P	Pass	D
F	Failure	

Advice for Admissions Officers

- Applicants who have earned a bachelor's degree may be considered for graduate admission.

Brazil

than five years in length. Created in 1969, it was a technical degree that has been phased out.

- B₃ *Doutor em Medicina*—first professional degree in medicine, awarded upon completion of six years of full-time study beyond secondary school.
- B₄ *Aperfeiçoamento* or *especializacao*—postgraduate certificate programs that provide training beyond the first-level degree. These programs do not grant degrees and are not considered part of a graduate program in Brazil.
- C *Mester, mestrado*—second university degree, awarded upon completion of a minimum of one year of study plus thesis. Normal length of full-time study is two years. Students are permitted up to five years to complete.
- D *Doutor*—third university degree, awarded upon completion of a minimum of two years of additional study beyond the master's plus a thesis. Degree will normally list field of study, e.g., *Doutor em Economia*.

Grading System

Some institutions use the secondary grading scale. Other grading scales are given below. If a scale does not appear here or on the student's transcripts, request from institution.

9–10.0	<i>Excelente</i>	Excellent
7– 8.9	<i>Bom</i>	Good
5– 6.9	<i>Regular</i>	Average
3– 4.9	<i>Insuficiente</i>	Below average
0– 2.9	<i>Deficiente</i>	Fail
E	<i>Excelente</i>	Excellent
B	<i>Muito bom</i>	Good
C	<i>Regular</i>	Average
I	<i>Insuficiente</i>	Below average
M	<i>Mau</i>	Failed
S	<i>Sem rendimento</i>	Without results
S.S.	<i>Superior superior</i>	9.0–10.0 5
M.S.	<i>Media superior</i>	7.0– 8.9 4
M.M.	<i>Media media</i>	5.0– 6.9 3
M.I.	<i>Media inferior</i>	3.0– 4.9 2
I.I.	<i>Inferior inferior</i>	0.1– 2.9 1
A	<i>Excelente</i>	Excellent
B	<i>Bom</i>	Good
C	<i>Regular</i>	Average
D	<i>Insuficiente</i>	Below average (or fail in some schools)

Other notations:

R, E, or I	<i>Reprovado</i>	Failing
M	<i>Matricula cancelada</i>	Registration dropped
T	<i>Transferido</i>	Transfer credit
T, J, or S	<i>Abandono justificado</i>	Withdrew in good standing
F	<i>Incompleto</i>	Incomplete
J	<i>Canc. de insc. em disc.</i>	Cancellation of course
K	<i>Trancamento</i>	Withdrawal

Advice for Admissions Officers

- Applicants holding the *bacharel*, *licenciado*, or *titulo* equivalent to at least four or more years of full-time study may be considered for graduate admission. The

- If an applicant holds two bachelor-level degrees, one of the degrees is generally indicative of pedagogical training only.
- The postgraduate certificate programs, called *aperfeiçoamento* or *especialização*, are not equivalent to the master's level work and should not transfer as such.
- The *mestre* or *mestrado* degree may be considered comparable to a U.S. master's degree.

Aldrich-Langren, Caroline, (ed.), *The Admission and Academic Placement of Students from Selected South American Countries. A Workshop Report September–October 1977*. The Joint Committee on Workshops of NAFSA and AACRAO, Washington, D.C., April 1978.

The Commission for Improvement of Personnel in Higher Education (CAPES) is an excellent sources of information on all institutions in Brazil and will reply to specific inquiries. Their address is: CAPES, Setor de Autarquias Sul, Quadra 6, Lote 4—Bloco “L”, 70,000 Brasilia, D.F., Brazil.

Harrell, William A. *The Admission and Academic Placement of Students from Selected South American Countries: Bolivia, Brazil, Paraguay, Uruguay*, NAFSA, 1977.

Figure 1 shows a sequence of 21 positions, numbered 1 to 21. Below the numbers, there are labels: A, A, B, B, C, C, D, D. These labels are grouped under a single label A_i .

- ### Grading System

			Suggested U.S. equivalent
<i>Otlichen</i>	Excellent	6	A
<i>Mnogo Dob "R</i>	Very good	5	B
<i>Dob "R</i>	Good	4	C
<i>Sreden</i>	Average	3	C - /D
<i>Slab</i>	Poor	2	F
<i>Lush</i>	Very poor	1	F

Bulgaria

Advice for Admissions Officers

- Applicants who have received the Diploma of Specialist, based on curricula of five years or longer, may be considered for graduate admission.
- Applicants who have received the *Kandidat na naukite*, may be considered to hold a degree representing several years of graduate study, reaching beyond the U.S. master's, but not equivalent to the Ph.D.
- The *Doktor na Naukite* represents a level of advanced graduate study, which may be equivalent of a Doctor of Philosophy.

Burkina Faso

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
												A		B	C	D	C ₃
														B ₁	C ₁		E
															C ₂		

- A *Baccalaureat*—awarded upon completion of 13 years of schooling.
- B *Diplome d'etudes universitaires generales (DEUG)*, *Diplome universitaire de technologie (DUT)*, *Diplome universitaire des Sciences et Techniques de l'Ingenieur (DUSTI)*—awarded upon completion of two years of university study.
- B₁ Teaching qualification for secondary level—awarded upon completion of two years of study beyond the *baccalaureat*.
- C *Licence es Lettres*—awarded upon completion of one year of study beyond the *DEUG*.
- C₁ *Licence es Sciences*—awarded upon completion of three years of study beyond the *baccalaureat*.
- C₂ *Diplome d'Ingenieur des Techniques du Developement Rural*—awarded upon completion of three years of study beyond the *baccalaureat*.
- C₃ *Diplome d'Ingenieur du Developement Rural*—awarded upon completion of five years of study beyond the *baccalaureat*.
- D *Maitrise*—awarded upon completion of one year of study beyond the *licence*.
- E *Diplome d'etudes superieures specialisees (DESS)*—awarded upon completion of one year of study beyond the *maitrise*.

Grading System

Uses the French system, 0–20, with 10 as the minimum passing grade.

Advice for Admissions Officers

- Applicants holding a *maitrise*, an engineering diploma, or other university credential representing at least four years of full-time study beyond the *baccalaureat* may be considered for graduate admission. The *licence* is normally considered insufficient preparation.

Educational System

Burundi

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
											A		B	B ₁	C	C ₃		D	D	D
															C ₁					
															C ₂					

- A *Diplome d'humanites, Diplome des humanites completes* (validated by a commission of the Ministry of National Education and Culture)—diploma of humanities, obtained after 12 years of primary-secondary education.
- B *Diplome de candidat* in philosophy and letters (law, economics and social sciences, pure and applied sciences, medical sciences)—first qualification of higher education, awarded after two years of postsecondary study.
- B₁ *Diplome de candidat* in engineering—awarded after three years of postsecondary study.
- C *Licence*—awarded upon completion of two years of study beyond the candidature.
- C₁ *Diplome* in business, commerce—awarded upon completion of two years of study beyond the candidature.
- C₂ *Diplome de Professeur du Premier Cycle d'Enseignement Secondaire*—awarded upon completion of two years of study beyond the candidature.
- C₃ *Ingenieur Agronome*—awarded upon completion of three years of study beyond the candidature.
- D *Doctorat en Medecine*—awarded upon completion of seven years of postsecondary study.

Grading System

Above 90	<i>La plus grande distinction</i>	A (rare)
80-89	<i>Grande distinction</i>	A
70-79	<i>Distinction</i>	B
50-69	<i>Satisfaction</i>	C
0-49	<i>Echec (failure)</i>	F

Advice for Admissions Officers

- Holders of the *licence*, *diplome*, and *Ingenieur Agronome* may be considered for graduate admission.

Primary	Secondary
1. <i>Chlamydia trachomatis</i>	1. <i>Chlamydia trachomatis</i>
2. <i>Neisseria gonorrhoeae</i>	2. <i>Neisseria gonorrhoeae</i>
3. <i>Trichomonas vaginalis</i>	3. <i>Trichomonas vaginalis</i>
4. <i>Herpes simplex virus</i>	4. <i>Herpes simplex virus</i>
5. <i>Candida albicans</i>	5. <i>Candida albicans</i>
6. <i>Human papillomavirus</i>	6. <i>Human papillomavirus</i>
7. <i>Streptococcus pneumoniae</i>	7. <i>Streptococcus pneumoniae</i>
8. <i>Staphylococcus aureus</i>	8. <i>Staphylococcus aureus</i>
9. <i>Escherichia coli</i>	9. <i>Escherichia coli</i>
10. <i>Mycoplasma genitalium</i>	10. <i>Mycoplasma genitalium</i>
11. <i>Ureaplasma urealyticum</i>	11. <i>Ureaplasma urealyticum</i>
12. <i>Haemophilus ducreyi</i>	12. <i>Haemophilus ducreyi</i>
13. <i>Chlamydia pneumoniae</i>	13. <i>Chlamydia pneumoniae</i>
14. <i>Legionella pneumophila</i>	14. <i>Legionella pneumophila</i>
15. <i>Coccidioides immitis</i>	15. <i>Coccidioides immitis</i>
16. <i>Histoplasma capsulatum</i>	16. <i>Histoplasma capsulatum</i>
17. <i>Blastomyces dermatitidis</i>	17. <i>Blastomyces dermatitidis</i>
18. <i>Cryptosporidium parvum</i>	18. <i>Cryptosporidium parvum</i>
19. <i>Isospora belli</i>	19. <i>Isospora belli</i>
20. <i>Toxoplasma gondii</i>	20. <i>Toxoplasma gondii</i>
21. <i>Microsporidium</i>	21. <i>Microsporidium</i>
22. <i>Giardia lamblia</i>	22. <i>Giardia lamblia</i>
23. <i>Entamoeba histolytica</i>	23. <i>Entamoeba histolytica</i>
24. <i>Trichinella spiralis</i>	24. <i>Trichinella spiralis</i>
25. <i>Strongyloides stercoralis</i>	25. <i>Strongyloides stercoralis</i>
26. <i>Ascaris lumbricoides</i>	26. <i>Ascaris lumbricoides</i>
27. <i>Trichostrongylus axei</i>	27. <i>Trichostrongylus axei</i>
28. <i>Trichostrongylus colubriformis</i>	28. <i>Trichostrongylus colubriformis</i>
29. <i>Ostertagia circumcincta</i>	29. <i>Ostertagia circumcincta</i>
30. <i>Haemonchus contortus</i>	30. <i>Haemonchus contortus</i>
31. <i>Trichostrongylus colubriformis</i>	31. <i>Trichostrongylus colubriformis</i>
32. <i>Ostertagia circumcincta</i>	32. <i>Ostertagia circumcincta</i>
33. <i>Haemonchus contortus</i>	33. <i>Haemonchus contortus</i>
34. <i>Trichostrongylus colubriformis</i>	34. <i>Trichostrongylus colubriformis</i>
35. <i>Ostertagia circumcincta</i>	35. <i>Ostertagia circumcincta</i>
36. <i>Haemonchus contortus</i>	36. <i>Haemonchus contortus</i>
37. <i>Trichostrongylus colubriformis</i>	37. <i>Trichostrongylus colubriformis</i>
38. <i>Ostertagia circumcincta</i>	38. <i>Ostertagia circumcincta</i>
39. <i>Haemonchus contortus</i>	39. <i>Haemonchus contortus</i>
40. <i>Trichostrongylus colubriformis</i>	40. <i>Trichostrongylus colubriformis</i>
41. <i>Ostertagia circumcincta</i>	41. <i>Ostertagia circumcincta</i>
42. <i>Haemonchus contortus</i>	42. <i>Haemonchus contortus</i>
43. <i>Trichostrongylus colubriformis</i>	43. <i>Trichostrongylus colubriformis</i>
44. <i>Ostertagia circumcincta</i>	44. <i>Ostertagia circumcincta</i>
45. <i>Haemonchus contortus</i>	45. <i>Haemonchus contortus</i>
46. <i>Trichostrongylus colubriformis</i>	46. <i>Trichostrongylus colubriformis</i>
47. <i>Ostertagia circumcincta</i>	47. <i>Ostertagia circumcincta</i>
48. <i>Haemonchus contortus</i>	48. <i>Haemonchus contortus</i>
49. <i>Trichostrongylus colubriformis</i>	49. <i>Trichostrongylus colubriformis</i>
50. <i>Ostertagia circumcincta</i>	50. <i>Ostertagia circumcincta</i>
51. <i>Haemonchus contortus</i>	51. <i>Haemonchus contortus</i>
52. <i>Trichostrongylus colubriformis</i>	52. <i>Trichostrongylus colubriformis</i>
53. <i>Ostertagia circumcincta</i>	53. <i>Ostertagia circumcincta</i>
54. <i>Haemonchus contortus</i>	54. <i>Haemonchus contortus</i>
55. <i>Trichostrongylus colubriformis</i>	55. <i>Trichostrongylus colubriformis</i>
56. <i>Ostertagia circumcincta</i>	56. <i>Ostertagia circumcincta</i>
57. <i>Haemonchus contortus</i>	57. <i>Haemonchus contortus</i>
58. <i>Trichostrongylus colubriformis</i>	58. <i>Trichostrongylus colubriformis</i>
59. <i>Ostertagia circumcincta</i>	59. <i>Ostertagia circumcincta</i>
60. <i>Haemonchus contortus</i>	60. <i>Haemonchus contortus</i>
61. <i>Trichostrongylus colubriformis</i>	61. <i>Trichostrongylus colubriformis</i>
62. <i>Ostertagia circumcincta</i>	62. <i>Ostertagia circumcincta</i>
63. <i>Haemonchus contortus</i>	63. <i>Haemonchus contortus</i>
64. <i>Trichostrongylus colubriformis</i>	64. <i>Trichostrongylus colubriformis</i>
65. <i>Ostertagia circumcincta</i>	65. <i>Ostertagia circumcincta</i>
66. <i>Haemonchus contortus</i>	66. <i>Haemonchus contortus</i>
67. <i>Trichostrongylus colubriformis</i>	67. <i>Trichostrongylus colubriformis</i>
68. <i>Ostertagia circumcincta</i>	68. <i>Ostertagia circumcincta</i>
69. <i>Haemonchus contortus</i>	69. <i>Haemonchus contortus</i>
70. <i>Trichostrongylus colubriformis</i>	70. <i>Trichostrongylus colubriformis</i>
71. <i>Ostertagia circumcincta</i>	71. <i>Ostertagia circumcincta</i>
72. <i>Haemonchus contortus</i>	72. <i>Haemonchus contortus</i>
73. <i>Trichostrongylus colubriformis</i>	73. <i>Trichostrongylus colubriformis</i>
74. <i>Ostertagia circumcincta</i>	74. <i>Ostertagia circumcincta</i>
75. <i>Haemonchus contortus</i>	75. <i>Haemonchus contortus</i>
76. <i>Trichostrongylus colubriformis</i>	76. <i>Trichostrongylus colubriformis</i>
77. <i>Ostertagia circumcincta</i>	77. <i>Ostertagia circumcincta</i>
78. <i>Haemonchus contortus</i>	78. <i>Haemonchus contortus</i>
79. <i>Trichostrongylus colubriformis</i>	79. <i>Trichostrongylus colubriformis</i>
80. <i>Ostertagia circumcincta</i>	80. <i>Ostertagia circumcincta</i>
81. <i>Haemonchus contortus</i>	81. <i>Haemonchus contortus</i>
82. <i>Trichostrongylus colubriformis</i>	82. <i>Trichostrongylus colubriformis</i>
83. <i>Ostertagia circumcincta</i>	83. <i>Ostertagia</i>

Primary						Secondary							Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
									A	A ₁	A ₂	A ₃	B		B ₁	C	C ₂	D	D ₁
															B ₂	C ₁	C ₃		
															B ₃				
															B ₄				

- A *Diplome d'Etudes Secondaires du Premier Cycle*—awarded upon completion of the first four years of secondary education.
- A₁ *Capacite en Droit*—awarded upon completion of two years study of law. Candidates for admission to the program are not required to hold the *baccalaureat*, but may hold either the *diplome d'Etudes Secondaires du premier cycle* or be a civil servant for three years.
- A₂ *Baccalaureat*—awarded upon completion of 13 years of primary and secondary education.
- A₃ *Certificat d'Etudes Litteraires Generales, Certificat d'Etudes Preparatoires*—awarded upon completion of one year postbaccalaureate general preparatory coursework at a university.
- B *Diplome d'Etudes Superieures de Sciences Generales*—awarded upon completion of two years of postbaccalaureate basic science coursework at higher technical institutions or university facilities. This *diplome* allows the holders to continue their program in engineering.
- B₁ *Diplome d'Etudes Superieures du Premier Cycle*—awarded upon completion of three years of tertiary-level study at the Buddhist University.
- B₂ *Brevet Superieure*—awarded upon the completion of three years of postbaccalaureate study at the Technical University.
- B₃ *Brevet d'Enseignement Commercial*—awarded after three years of postbaccalaureate study at the University of Phnom Penh.
- B₄ *Diplome de Technicien Superieur*—awarded upon completion of three years of postbaccalaureate study in technological fields.
- C *Licence*—awarded upon completion of four years of university-level study.
- C₁ *Diplome Ingenieur*—awarded upon completion of four years of university-level study.
- C₂ *Diplome de Pharmacien*—awarded upon completion of five years of university-level study.
- C₃ *Diplome d'Etudes Superieures (DES)*—awarded upon completion of one year of university study in law and economics beyond the *licence*. The program includes oral exams and a thesis.
- D *Doctorat et Chirurgien-Dentiste*—awarded upon completion of six years of university study.
- D₁ *Doctorat*—awarded upon completion of seven years of university study. It represents the highest level of professional studies in medicine or the completion of three years of study, specialized research, and thesis after the *licence*.

Grading System

		Suggested U.S. equivalent
<i>Tres bien</i>	17-20	A
<i>Bien</i>	14-16	B
<i>Assez bien</i>	12-13	C
<i>Passable</i>	10-11	C - /D
<i>Mediocre</i>	0- 9	F

Cambodia

Advice for Admissions Officers

- Applicants holding the *licence* may be considered for graduate admission.
- A *doctorat* represents a level of study beyond the master's degree, but not necessarily equivalent to a United States Ph.D.

Educational System

Primary						Secondary						Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
												A		B	C	C	D ₆	E
												A ₁		B ₁	C ₁	D	D ₇	
												A ₂		B ₂	C ₂	D ₁	D ₈	
														B ₃	C ₃	D ₂		
														B ₄		D ₃		
														B ₅		D ₄		
														B ₆		D ₅		
														B ₇				
														B ₈				

Cameroon

- A *Baccalaureat de l'Enseignement Secondaire (BAC)*—awarded upon completion of three years of upper secondary education in French system schools.
- A₁ *Baccalaureat de Technicien (BAC-T)*—awarded upon completion of three years of upper secondary technical education in French system schools.
- A₂ *General Certificate of Education—Advanced Level (GCE—"A" level)*—awarded upon completion of two years of upper secondary school in British system schools.
- B *Capacite en Droit et Sciences Economiques*—awarded upon completion of two years of study in the Faculty of Law and Economics of the *Universite de Yaounde*; often a terminal degree. (Courses given only in the evening.)
- B₁ *Certificat d'Etudes Generales de Droit et Sciences Economiques (CEG)*—awarded upon completion of two years of study in the Faculty of Law and Economics of the *Universite de Yaounde* leads to the *Licence en Droit et Sciences Economiques*.
- B₂ *Diplome d'Etudes Litteraires Generales (DELG)*—awarded upon completion of two years of literary or social science studies in the Faculty of Letters and Social Sciences.
- B₃ *Diplome d'Etudes Scientifiques Generales (DESG)*—awarded upon completion of two years of study in the Faculty of Science of the *Universite de Yaounde*.
- B₄ *Diplome d'Etudes Scientifiques Generales Agronomiques (DESGA)*—awarded after two years of study in the Faculty of Science, Agronomy Section.

Cameroon

- B₅ *Certificat d'Aptitude au Professorat des Colleges d'Enseignement General (CAPCEG)*—awarded after two years of study in the *Ecole Normale Superieure* (Higher Teacher Training School) of the *Universite de Yaounde*, often in combination with a *DELG* or *DESG*.
- B₆ *Certificate d'Aptitude au Professorat des Colleges d'Enseignement (CAPCET)*—awarded after two years of study in the section of the *Ecole Normale Superieure* that prepares for teaching at lower secondary level in technical high schools.
- B₇ *Brevet d'Administration (Br. d'Administration)*—awarded after two years of study in the *Institut d'Administration des Entreprises* (Institute of Business Administration) of the *Universite de Yaounde*.
- B₈ *Diplome en Soins Infirmiers*—awarded after two years of nursing training in the *Centre Universitaire des Sciences de la Sante* (University Center for the Health Sciences) of the *Universite de Yaounde*.
- C *Licence*—awarded after one year of study following a two-year first-cycle degree; total three to four years of postsecondary university study.
- C₁ *Diplome de Technicien de la Sante*—awarded after three years of study at the *Centre Universitaire des Sciences de la Sante* (University Center for the Health Sciences) in the section which trains medical and pharmaceutical technicians.
- C₂ *Ingenieur de Travaux*—awarded after three years of study at the *Universite de Yaounde* and *Ecole Nationale Superieure de Travaux Publics*.
- C₃ *Diplome Superieure de Journalisme*—awarded after three years of study, two at the *Ecole Superieure Internationale de Journalisme de Yaounde* (*Universite de Yaounde*) and one at the *Institut Francais de Presse* (*Universite de Paris II*).
- D *Diplome d'Etudes Superieures (DES)*—awarded after one year of study in literature, languages, or social sciences following the *Licence en Lettres et Sciences Humaines*.
- D₁ *Diplome d'Etudes Superieure (DES)*—awarded after one year of study in math or sciences following the *Licence en Humaines*.
- D₂ *Diplome d'Ingenieur Agronomes*—awarded after two years of study at the *Ecole Nationale Superieure Agronomique* of the *Universite de Yaounde* following the *Diplome d'Etudes Scientifiques Generales Agronomiques*.
- D₃ *Certificat d'Aptitude au Professorat de l'Enseignement Secondaire (CAPES)*—awarded after two years of study at *Ecole Normale Superieure* following the *Certificat d'Aptitude au Professorat des Colleges d'Enseignement General*, *Diplome d'Etudes Litteraires Generales*, or *Diplome d'Etudes Scientifiques Generales*; or awarded after one year of study at *Ecole Normale Superieure* following the *Licence en Lettres et Sciences Humaines* or the *Licence en Sciences*.
- D₄ *Diplome d'Administration des Entreprises*—awarded after one year of study at the *Institut d'Administration des Entreprises* of the *Universite de Yaounde* following the *Licence en Droit et Sciences Economiques*, the *Licence en Sciences*, or the *Licence en Lettres et Sciences Humaines*.
- D₅ *Certificat d'Aptitude au Professorat de l'Enseignement Technique (CAPET)*—awarded after one year of study at the *Ecole Normale Superieure* following the *Licence en Sciences Economiques*; prepares for teaching at upper secondary level in technical high schools.
- D₆ *Ingenieur de Conception*—awarded after three years of study at *Ecole Superieure Polytechnique* following the *Diplome d'Etudes Scientifiques Generales* (section math, physics, and technological studies).
- D₇ *Diplome de l'Institut des Relations Internationales du Cameroun (Diplome d'IRIC)*—awarded after two years of study following the *Licence en Droit et Sciences en Lettres et Sciences Humaines*.
- D₈ *Maitrise*—awarded after two years of advanced study following the *licence* or *diplome*.
- E *Doctorat en Medicine*—awarded after six years of medical studies at the *Centre Universitaire des Sciences de la Sante* (University Center for Health Sciences) of the *Universite de Yaounde*.

Cameroon

"Mentions" on the *baccalaureat* and university certificates and diplomas:

Advice for Admissions Officers

- ### Educational System

Canada

Province of Alberta

- 33

Canada

Province of Alberta

- E Professional degree—awarded in certain fields upon completion of six years of tertiary study (two to three preprofessional, three to four professional). This includes second bachelor's degrees such as Bachelor of Laws or Bachelor of Education which follow a Bachelor of Arts or Bachelor of Science.
- E₁ Professional degree—awarded in certain fields upon completion of seven years of tertiary study (three to four preprofessional, two to four professional). This includes second bachelor's degrees such as Bachelor of Laws or Bachelor of Education which follow a Bachelor of Arts or Bachelor of Science.
- F Doctoral degree—third university degree, awarded upon completion of three or more years of graduate study, plus thesis.

Grading System

University of Alberta

- 8-9 Excellent
6-7 Good
4-5 Pass
3
1-2 Fail

Note: Six is the minimum passing mark for graduate students, four for undergraduates; a grade of three in an individual course will be accepted by a faculty or school only if warranted by a student's academic records.

University of Calgary

Grade	Effective September, 1975 Points	Prior to September, 1975 Points
A (Excellent)	4.0	4
A -	3.7	
B +	3.3	
B (Good)	3.0	3*
B -	2.7*	
C +	2.3	
C	2.0	2
C -	1.7	
D +	1.3	
D	1.0	1
F	0.0	0

First Class Honours—GPA of at least 3.70 in the courses taken in the major field and if the department recommends.

Honours—GPA of at least 3.30 in the courses taken in the major field and if the department recommends.

*Minimum passing mark for graduate students.

University of Lethbridge

Grade	Points
A (Excellent)	4
B (Superior)	3
C (Average)	2
D (Poor)	1
F (Failing)	0

Canada

- A four-year bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Province of Alberta

Additional Sources of Information

The Admission and Placement of Students from Canada, PIER Workshop Report.

AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Educational System

Primary			Secondary					Tertiary											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
											A		B		C	C ₁	D	E	F
																C ₂	D ₁	E ₁	
																D	E		

Canada

Province of British Columbia

- A High school diploma—awarded upon completion of 12 years of elementary-secondary education.
- B College diploma—awarded by nondegree-granting colleges upon completion of two years of full-time tertiary education. University transfer programs may allow two full years of credit on four-year (or longer) degree programs.
- C Bachelor's degree—first university degree, awarded after completion of four years of full-time tertiary study.
- C₁ Bachelor's degree—first university degree, awarded after completion of five years of full-time tertiary study in certain fields.
- C₂ Post-bachelor's diploma—awarded by university for specialized one-year programs.
- D Master's degree—second university degree, awarded after completion of one year of full-time graduate study in some fields.
- D₁ Master's degree—second university degree, awarded after completion of two years of full-time graduate study in some fields.
- E Professional degree—awarded in certain fields upon completion of six years of tertiary study (two to three preprofessional, three to four professional).
- E₁ Professional degree—awarded in certain fields upon completion of seven years of tertiary study (three to four preprofessional, two to four professional).
- F Doctoral degree—third university degree, awarded upon completion of three or more years of graduate study, plus thesis.

Grading System

University of British Columbia

Class 1 80% or better

Class 1	80%-84.9%
Class 2	65%-79%

Canada

Province of British Columbia

Class P 50%-64%

(except in dentistry, medicine, nursing, librarianship, and graduate studies, where the range is 60% to 64%)

Class F Below 50%

failure, no credit granted (failure is below 60% in dentistry, medicine, nursing, librarianship, and graduate studies)

Simon Fraser University

Grade	Effective Fall	Prior to Fall
	1979	1979
A +	4.33	
A (Excellent)	4.00	4.00
A -	3.67	
B +	3.33	
B (Good)	3.00	3.00
B -	2.67	
C +	2.33	
C (Satisfactory)	2.00	2.00
C -	1.67	
P (Satisfactory or better/Pass-ungraded)		
D (Marginal)	1.00	1.00
F (Fail)	0.00	0.00
Honours First Class Degree	3.50 (132 semester hours)	
Honours Degree	3.00 (132 semester hours)	

Graduate Studies

Effective Fall, 1986		Prior to Fall, 1986	
A	4.00	A	4.00
A-	3.67		
B+	3.33		
B	3.00	B	3.00
B-	2.67		
C	2.00	P	2.00
F	0.00	F	0.00

University of Victoria

A+ 9)	B+ 6)	C+ 3)
A 8) First Class	B 5) Second Class	C 2) Pass
A- 7)	B- 4)	C- 1)

Advice for Admissions Officers

- A four-year bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Additional Sources of Information

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

The Admissions and Placement of Students From Canada. A PIER Workshop Report. AACRAO/NAFSA, Washington, D.C., 1989.

Canada

Primary						Secondary						Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
												A	B	C	C ₁	C ₃	D ₁	E ₁	F
															C ₅	D	E		

- ### Grading System

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Province of Manitoba

- A bachelor's degree based on at least four years of university-level study is required for admission to graduate and professional school degree programs.

The Admission and Placement of Students from Canada, PIER Workshop Report.
AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Province of New Brunswick

Primary						Secondary				Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
											A	B	B ₂	B ₄	C	C ₁	D	E ₂	G
											A ₁	B ₁	B ₃			D	E	E ₃	
																	E ₁	F	
																	E ₅		

- A Senior high school graduation—awarded upon completion of three years of higher secondary education.
Academic—leads to university admission with appropriate marks on departmental examinations (generally 60 percent average with no mark below 50 percent).
Industrial, commercial, home economics—lead to trade and technical training or employment.
- A₁ *Diplome d'etudes Secondaire* (high school diploma)—beginning in 1988, awarded upon completion of three years of higher secondary education. Replaces College Preparatory (Academic) program and General Education and Occupation program (Industrial, commercial) in A.
- B Graduate in Forest Technology (Maritime Forest Ranger School)—awarded upon completion of one year of tertiary study.
- B₁ Diploma in Surveying (University of New Brunswick) —awarded upon completion of one year of tertiary study.
- B₂ Certificate and diploma programs (New Brunswick Institute of Technology and Saint John Institute of Technology)—awarded upon completion of two years of tertiary study.
- B₃ Equivalent of Associate of Arts—awarded upon completion of two years of tertiary study at the University of New Brunswick in Saint John.
- B₄ Certificate in engineering—awarded upon completion of three years of tertiary study. Holders placed in fourth year of five-year Bachelor of Applied Science degree.
- C Bachelor's degree—first university degree, awarded upon completion of four years of tertiary study.
- C₁ Bachelor of Science in Engineering, Bachelor of Science in Forestry—first university degree, awarded upon completion of five years of tertiary study.

- D Bachelor of Education—second university degree, awarded upon completion of one year of study beyond the first bachelor's degree.
- E Master's degree—second university degree, awarded upon completion of two years of study beyond the bachelor's degree.
- E₁ Master of Science—second university degree, awarded upon completion of at least one year of study beyond the Bachelor of Science.
- E₂ M.Ed., M.Eng., M.F. (Master of Forestry)—second university degree, awarded upon completion of one year of study beyond the appropriate bachelor's degree.
- E₃ Master of Science in Engineering—second university degree, awarded upon completion of two years of study beyond the Bachelor of Science in Engineering.
- F LL.B. (Bachelor of Laws)—second university degree, awarded upon completion of three years of study beyond the bachelor's degree.
- G Ph.D.—awarded upon completion of at least two years of study beyond the master's degree.

Grading Systems

Very great distinction	85% +
Great distinction	80-84%
Distinction	70-79%
Pass	50-69%
Distinction	80% +
Honors	60-79%
Pass	50-59%
I	75% +
II	65-74%
III	50-64%
F	0-49%

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs.

Additional Sources of Information

The Admission and Placement of Students from Canada, PIER Workshop Report. AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Province of Newfoundland

Primary				Secondary				Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A	A ₁	A ₂	B	B ₁	B ₂	C	D	E
											A ₂	A ₃	B ₁	B ₂	C	D	E	
											A ₃	B		C	D		F	

- A Completion of grade 11—prior to 1984, awarded upon completion of three years of secondary education.
Pass Certificate—awarded to candidates with 50 percent average in six subjects, including English language and English literature.
Matriculation Certificate—awarded to candidates with 50 percent average in seven subjects including English language, English literature, algebra, and geometry.
Honours Matriculation Certificate—awarded to candidates with 75 percent average in the same subjects (total of seven) as Matriculation Certificate, above.
- A₁ Provincial High School Graduation Certificate—beginning in 1984, awarded upon completion of 12 years of primary and secondary education.
- A₂ Certificate in Vocational Education—awarded upon completion of approximately one year of vocational education.
- A₃ Junior Division-Foundation Studies—awarded upon completion of a one-year program at Memorial University of Newfoundland.
- B Diploma of Applied Arts, Forestry Diploma, Diploma of Technology—awarded upon completion of two years of tertiary study.
- B₁ Diploma in Technology—awarded upon completion of three years of tertiary study.
- B₂ Diploma in Technology—awarded upon completion of four years of tertiary study.
- C Bachelor's degree—awarded upon completion of one year of Foundation Studies plus three to five years of tertiary study. After 1984, awarded upon completion of four years of tertiary study following grade 12.
- D Master's degree—awarded upon completion of at least one year of study beyond the bachelor's degree.
- E Doctor's degree—awarded upon completion of at least three years of study beyond the bachelor's degree.
- F Doctor of Medicine—awarded upon completion of a minimum of two years beyond the four-year Bachelor of Medical Science degree.

Excellent	80, 85, 90, 95, 100	A
Very good	65, 70, 75	B
Good	55, 60	C
Pass	50	D
Failure	0-45	F

- A bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs. Students with bachelor's degrees

Canada

Province of Newfoundland

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Canada

Primary					Secondary					Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A	A ₁	B	B ₁	C	C	D	D ₁	E
													B ₂		D	D ₁	E	

Province of Nova Scotia

- A Grade 11 completion—with appropriate subjects and grades, graduates may be admitted to Acadia University, *Le College Saint-Anne*, Mount Saint Vincent University, Saint Frances Xavier University, Saint Mary's University, or the Nova Scotia College of Art and Design.
- A₁ Senior high school completion (includes university preparatory, commercial, and general programs)—provincial grade 12 examination results required for college preparatory students who wish to enter Dalhousie University, Nova Scotia Agricultural College, and Nova Scotia Teachers' College.
- B Diploma in Commerce—awarded upon completion of a two-year program beyond grade 11.
- B₁ Diploma in Dental Hygiene or Physiotherapy—awarded upon completion of a two-year program beyond grade 11.
- B₂ Certificate of Applied Science, Senior Diploma, Diploma-Licentiate (music), diplomas in secretarial studies, engineering, associate diplomas in agricultural engineering, fine arts—awarded upon completion of a three-year program beyond grade 11.
- C Bachelor's degree—first university degree, awarded upon completion of four to five years of tertiary study beyond grade 11 or three to four years beyond grade 12.
- D Master's degree—second university degree, awarded upon completion of one year of study beyond the bachelor's degree.
- D₁ Master's degree—second university degree, awarded upon completion of two years of study beyond the bachelor's degree.
- E Ph.D.—third university degree, awarded upon completion of a minimum of two years of study beyond the master's degree.

80-100	A		75-100	A		80-100	A		80-100	High honours
70- 79	B		66- 74	B		65- 79	B		75- 79	Honours
60- 69	C	or	60- 65	C	or	56- 64	C	or	50- 74	Pass
50- 59	D		50- 59	D		50- 55	D		0- 49	Failure
0- 49	F		0- 49	F		0- 49	F			

Province of Nova Scotia

- A bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs. Students with bachelor's degrees will have generally had 15 years of education and may need additional coursework. Dalhousie University requires bachelor's honours degrees (four years after grade 12) for graduate admission.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Province of Ontario

Primary						Secondary						Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
										A	A ₁	A ₂	B	B ₁	C	C ₁	C ₂	D	F ₁	H ₁
															C ₃	C ₃	C ₃	F	G ₁	
															C ₄	C ₄	C ₄	F ₁	H	
															D ₁	D	D	G ₁	H ₂	
																D ₁	D ₁	H ₂		
																E	E			
																F	F			
																	F ₁			
																	G			
																	G ₁			

- A Secondary School Graduation Diploma (grade 12)—awarded upon completion of 12 years of elementary-secondary education (formerly referred to as “junior matriculation”).
- A₁ Ontario Secondary School Diploma (OSSD)—beginning in 1984, awarded upon completion of 12 years of elementary-secondary education (replaces former junior and senior matriculation A and A₂).
- A₂ Secondary School Honour Graduation Diploma (grade 13)—awarded upon completion of 13 years of elementary-secondary education (formerly referred to as “senior matriculation”).
- B Certificate in Business Administration—awarded upon completion of one year of full-time tertiary study after grade 13.
- B₁ Diploma in Technology, etc.—awarded upon completion of three years of tertiary study in technical, vocational, and business fields.
- C Bachelor’s (pass) degree—first university degree, awarded upon completion of three years of full-time tertiary study beyond grade 13 or four years beyond new OSSD.
- C₁ Bachelor’s (honours) degree—first university degree, awarded upon completion of four years of full-time tertiary study beyond grade 13 or new OSSD.

- C₂ Bachelor's degree—first university degree in certain fields, awarded upon completion of five years of study beyond grade 13.
- C₃ Bachelor of Education (B.Ed.)—a second bachelor's degree, awarded one year after an approved first bachelor's degree.
- C₄ Graduate diploma—a one-year diploma program beyond a bachelor's degree.
- D Bachelor of Laws (LL.B.)—a first professional degree in law, awarded upon completion of three years study after any bachelor's degree. (At University of Toronto also awarded three years after at least two years of arts studies.)
- D₁ *Licence en Droit* (LL.L.)—awarded by University of Ottawa upon completion of one year of full-time study after any bachelor's degree.
- E Master's degree—second university degree, awarded upon completion of one to three years of full-time graduate study beyond bachelor's degree.
- F Doctor of Dental Surgery—first professional degree in dentistry, awarded upon completion of five years of professional tertiary study beyond grade 13 or new OSSD. May be awarded four years after completion of two years of prior university study.
- F₁ Doctor of Medicine (M.D.)—first professional degree in medicine, awarded upon completion of four years of professional tertiary study beyond any bachelor's degree or upon completion of two years of university study.
- G Master of Philosophy (M.Phil.)—second graduate degree, awarded after approximately one year of graduate study beyond any master's degree.
- G₁ Master of Laws (LL.M.)—second professional degree in law, awarded after one year of study beyond LL.B.
- H Doctor of Juridical Sciences (J.S.D.)—third professional degree in law, awarded after one year of study beyond LL.M.
- H₁ Doctor of Law (LL.D.)—third professional degree in law, awarded after two years of study beyond LL.M.
- H₂ Doctor of Philosophy (Ph.D.)—third university degree awarded upon completion of two years of graduate study beyond master's degree or three years of graduate study after the bachelor's (honours) degree; includes coursework and thesis.

Grading Systems

Queen's University

80–100% A
65– 79% B
50– 64% C
0– 49% F

80–100% A
70– 79% B
60– 69% C
50– 59% D
Below 50% F

Other most common scales

75–100% A
66– 74% B
60– 65% C
50– 59% D
Below 50% F

Advice for Admissions Officers

- A bachelor's degree based on at least four years of university-level study is required for admission to graduate and professional school degree programs. A three-year bachelor's degree may be accepted after an additional one-year tertiary (qualifying) year of study.

Additional Sources of Information

The Admission and Placement of Students from Canada, PIER Workshop Report. AACRAO/NAFSA, 1989.
Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986–1987*. Association of Universities and Colleges of Canada.

Province of Prince Edward Island

[illegible]

- ### Grading System

First Class	80-100
Second Class	70- 79
Pass	50- 69
Failure	0- 49

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs.

Additional Sources of Information

The Admission and Placement of Students from Canada, PIER Workshop Report. AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Canada

Primary				Secondary CEGEP*								Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
										A	A ₁	B	B ₁	C	D	D	D ₁	E	E ₁	G
													C	D ₂	D ₂	D ₁	E	E ₁	F ₁	
													C ₁		H	D ₂	E ₁	F ₁	G	
													D ₂			E	F ₁			
																F	F ₂			
																F ₁				

- A *Diplôme d'Études Secondaires (DES)* High School Leaving Certificate (Secondary V)—awarded upon completion of five years of secondary education.
- A₁ Certificate of Graduation (grade 12)—awarded upon completion of six years of secondary education by a few private schools using English instruction.
- B *Diplôme d'Études Collegiales (DEC)* or Diploma of Collegial Studies (*DCS* General)—awarded upon completion of 13 years of schooling including two years of a preuniversity program in a *CEGEP*.
- B₁ *Diplôme d'Études Collegiales (DEC)* or Diploma of Collegial Studies (*DCS* Professional)—awarded by a *CEGEP* upon completion of a three-year vocational/technical program beyond grade 11 (Secondary V).
- C *Attestation or certificat* (diploma or certificate)—awarded in certain programs upon completion of one year of specialized course work beyond the *DEC*.
- C₁ *Licentiate* in music—three years beyond the *DES*.
- D *Bachelier* or bachelor's degree—first university degree, awarded upon completion of three years of full-time tertiary study beyond the *DEC*.
- D₁ *Bachelier* or bachelor's degree—first university degree, awarded upon completion of four years of full-time tertiary study beyond the *DEC*.
- D₂ *Bachelier* or bachelor's degree or equivalent, professional—first professional degree, awarded upon completion of three to five years of full-time tertiary study beyond the *DEC* or a bachelor's degree.
- E Postgraduate certificate (or diploma)—awarded upon completion of one year of full-time tertiary study beyond a bachelor's degree.
- E₁ Postgraduate diploma—awarded upon completion of two years of full-time tertiary study beyond a bachelor's degree.
- F Master's degree—second university degree, awarded upon completion of one year of full-time tertiary study beyond a three-year bachelor's degree.
- F₁ Master's degree—second university degree, awarded upon completion of one to two years of full-time tertiary study.
- G Doctoral degree—third university degree, awarded upon completion of at least three years of full-time tertiary study beyond a bachelor's degree; thesis required.

			McGill	Univ. de Montreal
<i>Excellent</i>	Excellent	A	80–100%	80–100%
<i>Tres bien</i>	Very good	B	65– 79%	70– 79%
<i>Satisfaisant/bien/bon</i>	Satisfactory	C	55– 64%	60– 69%
<i>Passable echec</i>	Pass	D	50– 54%	50– 59%
<i>Insuffisant</i>	Fail	E/F	Below 50%	Below 50%

Canada

Province of Quebec

Bishop's

First Class	80-100%
Second Class	65- 79%
Third Class	50- 64%
Failure	0- 49%

Concordia University
University de Sherbrooke
University du Quebec

A	4	Excellent	Excellent
B	3	Tres bien	Very good
C	2	Bien	Satisfactory
D	1	Passable	Pass
E	0	Echec	Fail

Universite Laval

A	5	Excellent	Excellent
B	4	Tres bon	Very good
C	3	Bon	Satisfactory
D	2	Passable	Pass
E	1	Insuffisant	Unsatisfactory
F	0	Nul	Failure

Advice for Admissions Officers

- A *bachelier* or bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs.

Additional Sources of Information

The Admission and Placement of Students from Canada, PIER Workshop Report.
AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-1987*. Association of Universities and Colleges of Canada.

Canada

Province of Saskatchewan

Educational System

Primary						Secondary						Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

- A Grade 12 (Division IV) completion—completion of 12 years of elementary-secondary education stated on high school transcript. (A separate high school diploma is not awarded.)

- B Certificate—awarded by nondegree-granting colleges/technical institutes upon completion of one year of full-time tertiary education. (U.S. university transfer programs may allow up to one full year of credit on four-year degree programs.)
- B₁ Diploma—awarded by nondegree-granting colleges/technical institutes upon completion of two years of full-time tertiary education. (U.S. university transfer programs may allow up to two years of credit on four-year degree programs.)
- C Bachelor's degree (general)—first university degree, awarded by some universities upon completion of three years of full-time tertiary study.
- C₁ Bachelor's degree—first university degree, awarded upon completion of four years of full-time tertiary study.
- C₂ Bachelor's degree (general) plus Advanced Certificate in _____ or Honours Certificate in _____—first university degree (three years), plus master's qualifying year to qualify for admission to graduate study.
- C₃ Bachelor's degree—first university degree, awarded upon completion of five years of full-time tertiary study.
- D Master's degree—second university degree, awarded upon completion of one year of full-time graduate study in some fields.
- D₁ Master's degree—second university degree, awarded upon completion of two years of full-time graduate study in some fields.
- E Professional degree—awarded in certain fields upon completion of six years of tertiary study (two to three preprofessional, three to four professional).
- E₁ Professional degree—awarded in certain fields upon completion of seven years of tertiary study (three to four preprofessional, two to four professional).
- F Doctoral degree—third university degree, awarded upon completion of three or more years of graduate study, plus thesis.

Grading System

University of Regina

Prior to September, 1984:

- 5 90–100% Outstanding
- 4 80– 89% Very good
- 3 70– 79% Good
- 2 60– 69% Satisfactory
- 1 50– 59% Passing grade
- 0 Below 50% Fail

After September, 1984:

- 85–100% Great distinction
- 80– 84% Distinction
- 0– 79% No designation
- 0– 79% No designation

University of Saskatchewan

Prior to September, 1982 (percentage grades):

- | | | | |
|------------|-----|---------|---|
| Division 1 | I | 80–100% | A |
| Division 2 | II | 70– 79% | B |
| Division 3 | III | 60– 69% | C |
| Division 4 | IV | 50– 59% | D |
| Failure | | 0– 49% | F |

Province of Saskatchewan

8	Exceptional
7	Excellent
6	Very good
5	Good
4	Satisfactory
3	Adequate
2	Barely acceptable
1	Minimal pass
0.5	Near pass
0	Failure

90-100%	Exceptional
80-89%	Excellent
70-79%	Good
60-69%	Satisfactory
50-59%	Minimal pass
0-49%	Failure

- A bachelor's degree based on at least four years of university-level study is required for admission to graduate and professional school degree programs

The Admission and Placement of Students from Canada, PIER Workshop Report. AACRAO/NAFSA, 1989.

Allen, Kimberley, (ed.), *Directory of Canadian Universities, 1986-87*. Association of Universities and Colleges of Canada, 1986.

Educational System

Primary Secondary										Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
									A			A ₁		B ₁	C	D
												A ₂		B ₂		
												B		B ₃		
														B ₄		

- A Brevet d'Etudes Du Premier Cycles (BEPC)—awarded upon completion of four years of secondary education.
- A₁ Baccalaureat (BACC)—awarded upon completion of three years in the second cycle of secondary education.
- A₂ Baccalaureat Technique (BAC-T)—awarded upon completion of three years of technical and scientific studies in the second cycle of secondary education.

- B *Capacite en Droit*—obtained after two years of study in law. Accessible to those who do not hold the *baccalaureat*; they must be 17 years old and pass an entrance examination.
- B₁ *Diplome Universitaire de Sciences (DUS)*—awarded upon completion of two years of science studies at the *Institut Universitaire des Sciences (Universite du Tchad)*.
- B₂ *Diplome Universitaire de Lettres Moderne (DULMO)*—awarded upon completion of two years of literary or social sciences studies at the *Institut Universitaire des Lettres, Langues et Sciences Humaines (Universite du Tchad)*.
- B₃ *Diplome Universitaire des Sciences Juridiques, Economiques et de Gestion (DUSJEG)*—awarded upon completion of two years of commerce, economics, and administration.
- B₄ *Techniques Agricole (DUS), Techniques d'Elevage (DUS), Techniques Forestieres (DUS)*—awarded upon completion of three years of applied sciences in agriculture, animal husbandry, or forestry.
- C *Licence*—first degree, awarded after one year of study following the *diplome universitaire*: the National School of Administration awards a *licence* in law after three years of study.
- D *Maitrise*—awarded upon completion of one year of study following the *licence*.

Grading System

At all levels, marks are given out of 20

Excellent	15–19	<i>Tres bien</i> (rarely given)
Very good	13–14	<i>Bien</i>
Good	11–12	<i>Assez bien</i>
Pass mark	10	<i>Passable</i>

N.B. marks are seldom given on a university degree, but *mentions* may be.

Advice for Admissions Officers

- Applicants holding the *maitrise* based on at least four years of post-*baccalaureat* study may be considered for graduate admission.
- A three-year *licence* is normally deemed insufficient preparation for consideration.

Additional Sources of Information

Repertoire International Des Universites Partiellement ou Entierement de Langue Francaise.
AUPELF, Universite de Montreal, Montreal, 1976.
Trudeau, Edouard, *Selected French Speaking Sub-Saharan African Countries*. WES, AACRAO, 1975.

Chile

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
											A		B	B ₁	B ₁	B ₁	E	E	F
													B ₁	C	D	E ₁	E ₁	E ₁	G
															E		F	F	
															E ₁				

- A *Licencia de educacion media*—secondary school leaving certificate, granted after 12 years of education. The *licencia* is granted under six major areas: *secundaria, agricola, comercial, industrial, naval, and tecnica*. Students seeking admission to tertiary studies take the *prueba de aptitud academica*, a national entrance examination. Before 1967, the secondary certificate was issued under three titles: *Bachillerato en Humanidades, Perito Agricola, and Maestro Normal*.
- B *Profesores de Educacion, General Basica*—credential earned after two years of study in a Normal School (*Escuela Normal*) plus a third year of practical training.
- B₁ *Profesor de Estado*—teacher qualification earned after two to five years of postsecondary study.
- C *Bachiller*—degree of higher education awarded by some universities after three to four years of university general studies. Not a precondition for award of higher degrees.
- D Technicians diploma—awarded after a period of technical studies, normally about four years.
- E *Licenciatura/licenciado*—awarded after four to five (or six in the case of engineering and seven in medicine) years of tertiary study.
- E₁ *Titulo de _____*—professional qualification awarded by certain faculties after four to six years (seven in medicine) of tertiary study. Comparable to the *licenciatura*.
- F *Magister*—degree awarded after two years of study beyond the *licenciatura*.
- G *Doctorado*—highest degree, awarded to candidates who have submitted a thesis after a period of study beyond the *licenciatura* or *Titulo de _____*.

Grading System

	Chilean	Comparable U.S. grade
7	Excellent	A +
6	Very good	A
5	Better than average	B
4	Passing	C
3,2,1	Failure	F

There is no Chilean grade corresponding to the U.S. "D."

There are a few universities that use an alphabetical grading system similar to that used in most U.S. institutions.

Advice for Admissions Officers

- Applicants who submit official confirmation of a university degree awarded and a transcript of undergraduate study in a program of at least four years' duration may be considered for graduate admission. An *egresado* is a title indicating that all coursework for a degree has been completed but the thesis

Chile

- An applicant who has completed a six-year program may be considered for limited graduate transfer credit.
- An applicant who has completed the *magister* may be considered for graduate transfer credit.

China

People's Republic of

Educational System																				
Primary					Secondary					Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
										A ₄	A	B	B ₁	B ₁	B ₃	C ₁	D	D	E	
										A ₅	A ₁		B ₂		B ₆	C ₂	D ₁			
										A ₂			B ₄		B ₇	C ₃	D ₂			
										A ₃			B ₅		C	C ₄				
										A ₄			B ₆		C ₃					
										A ₅			B ₇		C ₄					
															C ₅					

- A Certificate of Graduation from a senior middle school—awarded for completion of three years of education following six years of primary school and three years of junior middle school. Admission is based on regional entrance examinations.
- A₁ Certificate of Graduation from a normal school—awarded for completion of three years of teacher training for kindergarten and primary school teachers following junior middle school. Admission is based on entrance exams which are comparable to senior middle school entrance exams. (See NOTES.)
- A₂ Certificate of Graduation from a nursing school—awarded for completion of three years of nursing education following junior middle school. Admission is based on entrance exams which are comparable to senior middle school entrance exams. (See NOTES.)
- A₃ Certificate of Graduation from a vocational senior secondary school—awarded for completion of three years of technical education following junior middle school. Admission is based on entrance exams which are comparable to senior middle school entrance exams.
- A₄ Certificate of Graduation from a vocational senior secondary school—awarded for completion of two to three years of vocational education following junior middle school or agricultural junior middle school. Entrance exams are less demanding than senior middle school entrance exams.
- A₅ Certificate of Graduation from an agricultural senior secondary school—awarded for completion of two to three years of agricultural education following junior middle school. Entrance exams are less demanding than senior middle school entrance exams.
- B Diploma of Graduation from a university/college awarded in mid-1970s—during the Cultural Revolution, admission to colleges and universities followed 10 years of primary and secondary education (sometimes less) and was based on political recommendations rather than on academic entrance exams. Programs required three years of study, political lectures, and practical work.

China

People's Republic of

- B₁ Diploma of Graduation from a university/college—awarded for completion of two to three years of higher education following senior middle school or its equivalent. Admission is based on the National College Entrance Examination (NCEE).
- B₂ Diploma of Graduation from a military academy—awarded for completion of two years of study at military academies following senior middle school. Admission is based on the NCEE and political recommendations.
- B₃ Advanced Diploma of Graduation from a military academy—awarded for completion of four years of military education following senior middle school education or its equivalent. Admission is based on the NCEE and political recommendations. Some technology-oriented military academies award bachelor's degrees.
- B₄ Diploma of Graduation from an evening university—awarded for completion of the equivalent of two years of higher education on a full-time basis following senior middle school education or its equivalent. Usually programs require three to four years of study on a part-time basis. Evening universities are run by formal institutions of higher education, but the standards of the entrance examinations prepared by each institution are not as high as the NCEE and the curriculum is less demanding.
- B₅ Diploma of Graduation from a vocational college—awarded for completion of two years of vocational training following senior middle school education or its equivalent. Institutions that award this type of diploma are also called "institutions of adult higher education." Admission is based on regional entrance examinations which are less demanding than the NCEE.
- B₆ Diploma of Graduation from an administrative college—awarded for completion of two or four years of study following senior middle school or its equivalent. Admission is based on political recommendations, work experience, and entrance exams that are less demanding than the NCEE. Curriculum emphasizes Marxist theory.
- B₇ College diploma for self-education/study—awarded for successful completion of examinations on the curriculum for two or four years of university studies. Students who are self-taught sit for examinations prepared by university professors selected by provincial education commissions. Many students with two- or three-year college graduate diplomas pursue this kind of study to upgrade their education. Some provinces also award a bachelor's degree along with a graduate diploma for completion of examinations on a four-year curriculum.
- C Bachelor's degree—awarded for completion of four years of university study. Admission is based on the NCEE. Bachelor's degrees were first awarded in 1982.
- C₁ Bachelor's degree—awarded for completion of five years of university studies in medicine and in engineering at some universities.
- C₂ Double bachelor's degrees—awarded for completion of five years of university studies in two majors. Students who pursue two majors must meet certain academic requirements and obtain special permission from the administration of the institution.
- C₃ Diploma of Graduation from a university/college awarded before 1970—awarded for completion of a pre-Cultural Revolution university program of four to five years following twelve years of primary and secondary education. Admission was based on entrance exams. Students who discontinued regular studies in 1966 when universities closed were said to have graduated when they completed the curriculum through independent study.
- C₄ Diploma of Graduation from a university/college awarded in 1980 and 1981—awarded after the Cultural Revolution but before degrees were introduced in 1982 for completion of four- or five-year university programs to students admitted through entrance examinations first offered in 1977.
- C₅ Diploma of Graduation from a university/college awarded since 1982—awarded for completion of four years of university study by institutions of

higher education that have been newly founded or upgraded from two- or three-year institutions. They are fully recognized but may not grant bachelor's degrees to their graduates for a specified number of years. Admission is based on the NCEE. Diplomas are also awarded by universities along with degree certificates. A student may receive a diploma that verifies completion of all program requirements and eligibility to graduate in addition to a diploma that verifies conferral of the degree.

- D Graduate Study Diploma—awarded for completion of two to three years of study following the bachelor's degree or its equivalent. Admission is based on entrance examinations and recommendations. This credential was awarded before 1966 and between 1978 and 1981, prior to introduction of master's degrees. Since 1982, this diploma is still awarded to students who have completed all degree requirements except the thesis or to nondegree graduate students.
- D₁ Master's degree—awarded for completion of two to three years of graduate study, research, and a thesis. Admission is based on entrance examinations and recommendations. Master's degrees were first awarded in 1982.
- D₂ College teacher training certificate—awarded for completion of two years of graduate study to holders of bachelor's degrees or the equivalent who have been employed as full-time teaching assistants or assistant instructors. Only institutions that have graduate programs may award this credential and all courses must be offered by the graduate faculty. Admission is based on entrance examinations, recommendations, and work experience.
- E Doctoral degree—awarded for completion of a minimum of three years of advanced study, research, and a dissertation following the master's degree or its equivalent. Admission is based on entrance examinations, recommendations, research experience, and interview. Doctoral degrees were first awarded in 1984.

NOTES:

1. Beginning in the 1960s, primary and secondary education in China was reduced from 12 years to 10 (5 years of primary education and 5 of secondary). Nine years of compulsory schooling are now required and programs have been expanded to 12 years in some parts of the country. Higher education, with the exception of Cultural Revolution programs, has not changed. Bachelor's programs may follow 10, 11, or 12 years of primary and secondary education.
2. Evening and spare-time schools and programs are offered at the junior middle school level, at the senior middle school level, and at the postsecondary level. Postsecondary programs are not officially recognized as comparable to academic programs.
3. Nursing programs and kindergarten/primary teaching training programs are normally three-year programs following junior middle school. However, since the mid-1980s, many institutions of higher education have started offering these programs following senior middle school education or the equivalent. The trend is toward nursing and kindergarten/primary teacher training programs being part of (higher rather than secondary) education.
4. Regular or formal institutions of higher education are those approved by the Central Government, i.e., the State Education Council upon their founding or upgrading. In 1989, there were 1,075 such institutions. Among these are 100 "key" institutions which are the most prestigious and research-oriented universities with admission, faculty recruitment, funding, employment of graduates, and curricula under the direct jurisdiction of the State Education Commission and other state agencies. Other institutions are usually controlled by provincial educational commissions that have been delegated authority by the State Education Commission. Education was decentralized to some extent between 1984 and 1989.

China

People's Republic of

5. Of the postsecondary programs that require the National College Entrance Examination (NCEE) there are key institutions that require the highest scores for admission. Other regular institutions require the next highest scores. Students who receive a minimum acceptable score on the NCEE but who are not placed in regular institutions of higher education are exempt from regional entrance exams for enrollment in vocational universities and colleges, television universities, etc.
6. The terminology used for completion of nondegree programs varies from one institution to another. The terms, "Certificate of Graduation" or "Diploma of Graduation" are commonly used. Records may also state that the student graduated.

Grading Systems

The most commonly used grading scales are as follows:

90-100	A	Excellent
80- 89	B	Good
70- 79	C	Fair or average
60- 69	D	Pass
59 or below	F	Failure

Many institutions use pass/fail grading indicators for nonmajor or noncore curriculum courses or for courses in which no final examination is given. In general, 60 or above is "pass" and below 59 is "fail."

Advice for Admissions Officers

- Holders of a Diploma of Graduation from a university/college awarded before 1970 or between 1979 and 1981 for completion of a four- or five-year curriculum may be considered for graduate admission.
- Holders of a bachelor's degree awarded in 1982 or later may be considered for graduate admission.
- Holders of three-year Diplomas of Graduation from a university/college do not have sufficient preparation for admission to graduate programs. There is insufficient knowledge about Diplomas of Graduation awarded without a degree certificate since 1982 to make a placement recommendation.
- Holders of master's degrees and Graduate Study Diplomas may be considered to have degrees comparable to U.S. master's degrees.
- Holders of doctoral degrees may be considered to have degrees comparable to U.S. earned doctorates.

Additional Sources of Information

- China Exchange News*, Committee on Scholarly Communications with the PRC, published quarterly. Available from the National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418.
- Dickey, Karlene N., Ann S. Fletcher, and Margit A. Schatzman. *The People's Republic of China: Educational Trends and Teacher Training as of the Mid-1980's*, AACRAO Monograph No. 45, Washington, D.C., 1988.
- Fingar, Thomas, *Higher Education and Research in the People's Republic of China: Institutional Profiles*. NAFSA, Washington, D.C., 1982.
- Reed, Linda A., *China Updates* (revised editions): #1 Teaching in China, #2 Study in China, #3 Administration of U.S. Standardized Tests in China and the Chinese English Proficiency Test, #4 Television Universities and Spare-Time Universities, #5 Profiles of Chinese Postsecondary Institutions, #6 China-U.S. Examination and Application Programs, NAFSA, Washington, D.C., 1986.
- Reed, Linda A., *Education in the People's Republic of China and U.S.-China Educational Exchanges*, NAFSA, Washington, D.C., 1989.

Colombia

Primary					Secondary				Tertiary											
					1st Cycle			2nd Cycle												
1	-	5	6	7	8	9	10	11	12	13	13.5	14	14.5	15	16	17	18	19	20	

- A *Bachiller* (Curricular tracks include: academic, classical, arts, commercial, general agriculture, industrial, pedagogy, teacher training, and social studies)—awarded upon completion of six years of secondary education; the basic requirement for admission to higher education.
- B *Tecnico Profesional Intermedio* (Intermediate Professional Technician)—awarded upon completion of two or two and one-half years of higher education.
- B₁ *Tecnologo* (technologist)—awarded upon completion of two, two and one-half, three, or three and one-half years of higher education (usually three-year programs).
- C *Licenciado* degrees: *Terapia del Lenguaje*, *Terapia Fisica*, *Terapia Ocupacional*—awarded upon completion of three and one-half years of higher education (offered by the *Universidad Nacional de Colombia*).
- C₁ *Licenciado* (four years), or a first university degree including the *Maestro en Artes Plasticas*, *Maestro en Bellas Artes*, *Maestro en Ceramica*, *Maestro en Composicion Musical*, *Maestro en Educacion Musical*, *Maestro en Pintura*, or comparable degree from a program of four or more years' duration. (For comparable degrees see *Colombia*, AACRAO, 1984, pp. 38–40.)—first university degree awarded upon completion of four, five, six, or seven years of higher education; considered the basic requirement for admission to graduate study.
- D *Especialista* (specialist) degree—second university degree awarded upon completion of one, two, three, or four years of higher education (usually offered in practical or applied disciplines such as medicine and dentistry).
- E *Magister* (master's degree). Other names for the *magister* are: *magister scientiae*, *maestria*, *master*—second university degree awarded upon completion of two years of higher education after *licenciado* or other comparable first university degrees.
- F *Doctor* degree—third university degree awarded upon completion of four years of study beyond the *licenciado* (or comparable degree) or two years after the *magister* plus a dissertation.

Grading System

4.6-5.00	Very rarely attained	A +
4.0-4.59	Excellent	A
3.5-3.99	Good	B
3.0-3.49	Sufficient, average	C
0.0-2.99	Failure	F

Advice for Admissions Officers

- Holders of an eight-semester *licenciado* degree or a first university degree, including the *Maestro en Artes Plasticas*, *Maestro en Bellas Artes*, *Maestro en*

.....

Primary						Secondary							Tertiary					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A	A ₁	B	B B ₁	C	C ₁	C ₂ D	D E*	

A. Diploma de

- A *Diploma de conclusion de estudios de educacion diversificada*—awarded upon completion of 11 years of study.
- A₁ *Diploma de conclusion de estudios de educacion diversificada with tecnico medio en _____* (with options as follows: *comercial, agricultura, industrial*)—awarded upon completion of 12 years of study.
- B *Diplomado, tecnico superior* (two to three years beyond *Diploma de conclusion de estudios de educacion diversificada*), *Profesor del estado* (given only by *Centro de Investigacion y Perfeccionamiento para la Educacion Technica*)—awarded upon completion of two to three years of tertiary study.
- B₁ *Profesor*—awarded upon completion of three years of tertiary study.
- C *Bachiller universitario, Diploma de pasante* (given only by *Universidad Autonoma de Centro America*)—awarded upon completion of four years of tertiary study.
- C₁ *Licenciado en _____*—awarded upon completion of five years of tertiary study.
- C₂ *Licenciado en medicina y cirugia, Doctor profesional* (awarded only in medicine by *Universidad Autonoma de Centro America*)—awarded upon completion of six years of tertiary study.
- D *Maestria, Master en administracion de empresas* (given by *Instituto Centroamericano de Administracion de Empresas*), master's degree given by *Universidad para la Paz*—awarded after completion of at least two years of study beyond the *licenciado*.
- E *Doctor*—awarded after completion of at least two and one-half years of study beyond the *licenciado*.

.....

- Applicants who have received the *bachiller universitario* or the *licenciado* may be considered for graduate admission.

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The Admission and Placement of Students from Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama. A PIER Workshop Report, AACRAO/NAFSA, 1987. PIER Workshop Report.

Educational System

Cuba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
										A	A	B	B	B	C	C	C ₃	D	D
										A ₁		C	C	C ₁	C ₁	D	D ₁	D ₁	
													C ₁	C ₂	C ₂	D ₁			
													C ₂		C ₃				
															D				

- A Certificate or diploma from Institute of Education—secondary level diploma awarded after 11 or 12 years of study. Diplomas are entitled *maestro de educacion fisica* (physical education teacher), *maestro de educacion primaria* or *maestro primario* (primary school teacher), and *maestro normal de jardin de la infancia* (kindergarten teacher).
- A₁ *Bachillerato/bachiller*, *Certificado de Fin Estudios Secundarios*—awarded upon completion of 12 years of study. Professional titles—awarded after two or three years of study beyond the secondary level.
- B Professional titles—awarded after two or three years of study beyond the secondary level.
- C *Licenciado/licenciatura*—awarded upon completion of a three-, four-, or five-year program beyond the secondary level. Through the mid-1960s, the *licenciado* was a three-year program; thereafter, it was awarded after four to five years of study.
- C₁ *Doctor/doctorado*—first university degree awarded after four to five years of study beyond the secondary level.
- C₂ *Titulo profesional*—professional title awarded after four to five years of study beyond the secondary level.
- C₃ *Doctorado in medicine*—first professional degree in medicine, awarded after six years of study beyond secondary school.
- D *Candidato a doctor en ciencias*—degree awarded after a minimum of two years of study beyond the *titulo profesional*. Degree usually takes three years to complete.
- D₁ *Doctor en ciencias/doctorado*—awarded after completion of at least one year of study beyond the *candidato a doctor en ciencias* and completion of a thesis.

Grading System

Beginning in early 1960s:

<i>Sobresaliente</i>	90–100	Excellent	A
<i>Aprovechado</i>	80– 89	Good	B
<i>Aprobado</i>	70– 79	Average	C
<i>Suspenso* y desaprobado</i>	0– 69	Failure	F

Implemented in 1977–78:

<i>Excelente</i>	90–100	Excellent	A
<i>Muy Bien</i>	80– 89	Good	B
<i>Bien</i>	70– 79	Average	C
<i>Insuficiente*</i>	60– 69	Failure	F
<i>Deficiente</i>	0– 59	Failure	F

* When a student receives grades of *suspenso* or the present *insuficiente*, the marks are considered provisional and the final examinations may be repeated. If the second examination is failed, the course must be repeated. *Desaprobado* and *deficiente* are final marks.

- Holders of the following four- to five-year degrees may be considered for admission to graduate school: professional titles, *doctor/doctorado*, and *licenciatura/licenciado*. Careful attention should be given to the number of years taken to complete a program as degrees under the same title may take different numbers of years to complete.

College and University, Vol. 52, No. 4, Summer 1977, AACRAO, pp. 530-531.

Primary						Secondary						Tertiary			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	14.5	15
											A	B	B ₁	B ₄	B ₅
												B ₁	B ₂		B ₆
													B ₃		B ₇

- A *Apolyterion* (Greek) or *Bitirme Diploması* (Turkish)—awarded upon completion of 12 years of primary and secondary education.
- B Completion of forest trainee program—represents completion of one year of postsecondary study at the Cyprus Forestry College.
- B₁ Middle Level Certificate—awarded upon completion of one year of postsecondary study at the Hotel and Catering Institute.
- B₂ Diploma in Forestry—awarded upon completion of two years of postsecondary study at the Cyprus Forestry College.
- B₃ Completion of assistant nursing and midwifery programs—represents completion of two years of postsecondary study at the School of Nursing and Midwifery.
- B₄ Higher Diploma in Forestry—awarded upon completion of six months of study beyond the Diploma in Forestry at the Cyprus Forestry College.
- B₅ Diploma of Technician Engineer—awarded upon completion of three years of postsecondary study at the Higher Technical Institute.
- B₆ Completion of nursery and primary school teacher training programs—represents completion of three years of postsecondary study at the Pedagogical Academy of Cyprus.
- B₇ Completion of registered nurse program—represents completion of three years of postsecondary study at the School of Nursing and Midwifery.

Cyprus Forestry College
Higher Technical Institute
Higher Technological Institute
Hotel and Catering Institute
Pedagogical Academy of Cyprus
School of Nursing and Midwifery

Grading System

Cyprus

Higher Technical Institute

85-100	Distinction	A
65- 84	Credit	B
50- 64	Pass	C
0- 49		F

Hotel and Catering Institute

19- 20	Excellent	A
15- 18	Very good	B
10- 14	Good	C
0- 9		F

70-100	A
60- 69	B
50- 59	C
40- 49	D
0- 39	F

Advice for Admissions Officers

- Because there are currently no four-year postsecondary programs of study, graduates of Cypriot tertiary institutions should not be admitted to U.S. graduate programs.

Educational System

Czechoslovakia

Primary					Secondary					Tertiary											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
											A					B	B ₁	B ₂	C	C	C
																B ₁	B ₂	B ₃			D
																	B ₃				

- A *Maturitni vysvedceni* (Maturity Certificate)—awarded upon completion of four years of secondary education following eight years of primary and lower secondary education.
- B *Ucitel* (teacher)—awarded upon completion of four years of study at pedagogical faculties (preparation for teaching grades five through eight).
- B₁ Title of *Absolvent* and *Inzenyr* (Ing)—awarded upon completion of four to five years of university-level study and passing state examinations.
- B₂ Doctor of Philosophy (PhDr), Natural Sciences (RNDr), Law (JUDr), Pharmacy (PharmDr), and Social and Political Science (RSDr)—awarded upon completion of an additional year of study including an exam (*rigorozni zkouška*). Candidates for this exam must hold an undergraduate degree.
- B₃ Doctor of Medicine (MUDr) and Doctor of Veterinary Medicine—awarded upon successful completion of five to six years of university study and passing of state examinations.

Czechoslovakia

- C *Kandidat Ved* (Candidate of Science [CSc])—awarded upon successful completion of at least three years of individual study including defense of thesis.
- D *Doktor Ved* (Doctor of Sciences)—awarded to distinguished scholars for exceptionally high scientific accomplishments evidenced by original work.

Grading System

	pts.		Suggested U.S. equivalent
<i>Vyborny</i>	1	Excellent	A
<i>Chvalitebny</i>	2	Very good	B
<i>Dobry</i>	3	Good	C
<i>Dostatecny</i>	4	Sufficient	C-/D
<i>Nedostatecny</i>	5	Insufficient	F

1969-1973

Excellent	1
Very good	2
Good	3
Fail	4

Advice for Admissions Officers

- Applicants holding the degree of *Absolvent*, *Ucitel*, or *Inzenyr* may be considered for admission to graduate programs.
- Candidates holding the degree of Doctor of Philosophy, Natural Sciences, Law, Pharmacy, or Social and Political Sciences may be considered to hold a degree comparable to a U.S. master's degree.
- Candidates holding the degree of Doctor of Medicine and Doctor of Veterinary Medicine may be considered for graduate admission. Degree may be considered comparable to a first professional degree in the United States.
- Candidates holding the degree of Doctor of Science may be considered to have a degree comparable to an earned doctorate in the United States.

Additional Sources of Information

- Maly, Pavel and Mericka, Jiri, *Higher Education in the Czechoslovak Socialist Republic*. State Pedagogical Publishing House, Prague, 1982.
- Toma, Peter A., *The Educational System of Czechoslovakia*. U.S. Department of Health, Education, and Welfare, 1976.

Educational System

Folkeskole										Gymnasia											
Lower					Upper																
Primary					Secondary																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15.5	16	17	18	19	20	21
											A		B	B ₁	B ₃	B ₅	C ₁	C ₂	D	D	F
											A ₁			B ₂	B ₄	C	C ₂	C ₃	E	E	
														B ₃				D	F		
														B ₄				E			

- A *Studentereksamen*—leaving exam taken at a *gymnasia*; also called the university entrance exam.
- A₁ *Højere Handelseksamen*—higher commercial examination from a vocational commercial school.
- B *Examinatus Artium*—examination in a minor subject. Part of *Cand. Mag.* degree totaling six years; the *Exam. Art.* may be taken before, between, or after exams in the major subject for the *Cand. Mag.*
- B₁ *Socionom*—social worker; qualification awarded for completion of three years at professional institutions.
- B₂ *Handelsvidenskabelige Afgangseksamen (HA)*—final exam following three years of business studies.
- B₃ *Teknikumingeniør Akademiingeniør*—engineering qualifications earned at the Technical Engineering Colleges (three years) or the Engineering Academy following three and one-half years of study.
- B₄ Bachelor, B.A./B.Sc.—degree acquired after three to three and one-half years of study in most fields.
- B₅ *Biblioteker Journalist*—qualifications of librarian and journalist awarded after four years of study at professional institutions.
- C *Candidatus, Cand. Jur., Cand. Phil., Cand. Negot.*—awarded upon completion of four to five years of university study.
- C₁ *Civilingeniør*—professional engineering degree awarded for completion of five years of university study.
- C₂ *Candidatus, Cand. Theol., Cand. Polit., Cand. Stat., Cand. Scient. Soc., Cand. Scient., Cand. Med., Cand. Merc., Cand. Rer. Soc.*—awarded upon completion of five to six years of university study.
- C₃ *Candidatus Magisterii (Cand. Mag.)*—awarded upon completion of six years of university study.
- D *Magister Artium, Magister Scientiarum*—awarded upon completion of six to eight years of university study.
- E *Candidatus Medicinæ, Candidatus Medicinæ Veterinariæ*—professional degrees in medicine awarded for completion of six to eight years of university study.
- F *Licentiatius*—graduate degree awarded for completion of two to three years of study beyond a *cand.* or a *mag.* degree. (Note: In 1989, this degree became the Ph.D. and requires a presentation of a written thesis that is subject to external evaluation and public defense.)
- G *Doktorgrad*—awarded for advanced research and presentation of a thesis. (Note: May require 10–15 years to complete.)

Suggested
U.S. equivalent

Further information may be obtained from:

Dominican Republic

complete and some are equivalent to the *bachiller*. Some students holding the *perito* have completed a 13th year beyond the *bachiller*.

- A₁ *Bachillerato/bachiller*—secondary school leaving certificate awarded upon completion of 12 years of primary and secondary education. Degrees are granted in several areas of specialization. The *bachiller tecnico* is equivalent to the *bachiller*. It is a secondary school leaving certificate with a professional and/or technical emphasis.
- A₂ *Maestro normal*—secondary school leaving certificate. Students with this certificate have been trained as primary school teachers and have completed 12 years of primary and secondary education.
- B Intermediate degrees—most often titled: *Technico en _____*, *Technologo en _____*, *Asociature en _____*, *Certificado de Estudios Superiores en _____*, *Egresatura en _____*—awarded after one to four years of study beyond the secondary level. Some of these degrees prepare the student for further tertiary-level study; some prepare the student for employment.
- C *Licenciatura*—awarded after three to six years of study beyond the secondary level. Some universities offer a concentrated three-year program that is equivalent to a four-year *licenciatura* program.
- C₁ *Ingeniero*—awarded after three to six years of study beyond the secondary level. Some universities offer a concentrated three-year program that is equivalent to a four-year *licenciatura* or *ingeniero* program.
- C₂ *Arquitecto* and *Doctor en Derecho/Licenciatura en Derecho*—professional degrees awarded after four to six years of study beyond the secondary level.
- C₃ *Doctor*—professional degree awarded after six to seven years of study beyond the secondary level. Holders of the degrees *doctor medico* and *doctor odontologa* are qualified to practice medicine.
- D *Certificado de postgrado*—usually awarded after two semesters of study beyond the *licenciatura*.
- E *Maestria*—awarded after about two years of study beyond the *licenciatura*. This degree usually requires an original project or thesis.

Doctoral degrees are not offered in Dominican universities.

Grading System

There is no single system used in Dominican universities. Most universities will issue grading scales along with or on the transcripts. Several major Dominican universities use the four-point scale used in most U.S. institutions.

Advice for Admissions Officers

- Applicants holding the *licenciatura* degrees, or degrees equivalent to the *licenciatura*, including the *ingeniero*, *doctor*, *arquitecto*, and *doctor en derecho* degrees may be considered for graduate admission. Most of these degrees will be the result of four or more years of study; however, there are *licenciatura* and *ingeniero* degrees students can complete in three years of concentrated study that are equivalent to a four-year program.
- Applicants holding the *maestria* may be considered for admission to Ph.D. or doctoral-level programs. The *certificado de postgrado* should not be considered a master's-level degree and does not qualify the holder for doctoral-level work.

Additional Sources of Information

Sellew, Kathleen Troxell, *Dominican Republic*. WES, Washington, D.C., 1987.

Primary	Secondary
1. <i>Chlamydia trachomatis</i>	1. <i>Chlamydia trachomatis</i>
2. <i>Neisseria gonorrhoeae</i>	2. <i>Neisseria gonorrhoeae</i>
3. <i>Trichomonas vaginalis</i>	3. <i>Trichomonas vaginalis</i>
4. <i>Herpes simplex virus</i>	4. <i>Herpes simplex virus</i>
5. <i>Human immunodeficiency virus</i>	5. <i>Human immunodeficiency virus</i>
6. <i>Cytomegalovirus</i>	6. <i>Cytomegalovirus</i>
7. <i>Epstein-Barr virus</i>	7. <i>Epstein-Barr virus</i>
8. <i>Human papillomavirus</i>	8. <i>Human papillomavirus</i>
9. <i>Varicella-zoster virus</i>	9. <i>Varicella-zoster virus</i>
10. <i>Mumps virus</i>	10. <i>Mumps virus</i>
11. <i>Measles virus</i>	11. <i>Measles virus</i>
12. <i>Poliovirus</i>	12. <i>Poliovirus</i>
13. <i>Rotavirus</i>	13. <i>Rotavirus</i>
14. <i>Adenovirus</i>	14. <i>Adenovirus</i>
15. <i>Coxsackievirus</i>	15. <i>Coxsackievirus</i>
16. <i>Echovirus</i>	16. <i>Echovirus</i>
17. <i>Reovirus</i>	17. <i>Reovirus</i>
18. <i>Parvovirus B19</i>	18. <i>Parvovirus B19</i>
19. <i>Hepatitis A virus</i>	19. <i>Hepatitis A virus</i>
20. <i>Hepatitis B virus</i>	20. <i>Hepatitis B virus</i>
21. <i>Hepatitis C virus</i>	21. <i>Hepatitis C virus</i>
22. <i>Hepatitis D virus</i>	22. <i>Hepatitis D virus</i>
23. <i>Human coronavirus</i>	23. <i>Human coronavirus</i>
24. <i>Human metapneumovirus</i>	24. <i>Human metapneumovirus</i>
25. <i>Human rhinovirus</i>	25. <i>Human rhinovirus</i>
26. <i>Human coronavirus</i>	26. <i>Human coronavirus</i>
27. <i>Human metapneumovirus</i>	27. <i>Human metapneumovirus</i>
28. <i>Human rhinovirus</i>	28. <i>Human rhinovirus</i>
29. <i>Human coronavirus</i>	29. <i>Human coronavirus</i>
30. <i>Human metapneumovirus</i>	30. <i>Human metapneumovirus</i>
31. <i>Human rhinovirus</i>	31. <i>Human rhinovirus</i>
32. <i>Human coronavirus</i>	32. <i>Human coronavirus</i>
33. <i>Human metapneumovirus</i>	33. <i>Human metapneumovirus</i>
34. <i>Human rhinovirus</i>	34. <i>Human rhinovirus</i>
35. <i>Human coronavirus</i>	35. <i>Human coronavirus</i>
36. <i>Human metapneumovirus</i>	36. <i>Human metapneumovirus</i>
37. <i>Human rhinovirus</i>	37. <i>Human rhinovirus</i>
38. <i>Human coronavirus</i>	38. <i>Human coronavirus</i>
39. <i>Human metapneumovirus</i>	39. <i>Human metapneumovirus</i>
40. <i>Human rhinovirus</i>	40. <i>Human rhinovirus</i>
41. <i>Human coronavirus</i>	41. <i>Human coronavirus</i>
42. <i>Human metapneumovirus</i>	42. <i>Human metapneumovirus</i>
43. <i>Human rhinovirus</i>	43. <i>Human rhinovirus</i>
44. <i>Human coronavirus</i>	44. <i>Human coronavirus</i>
45. <i>Human metapneumovirus</i>	45. <i>Human metapneumovirus</i>
46. <i>Human rhinovirus</i>	46. <i>Human rhinovirus</i>
47. <i>Human coronavirus</i>	47. <i>Human coronavirus</i>
48. <i>Human metapneumovirus</i>	48. <i>Human metapneumovirus</i>
49. <i>Human rhinovirus</i>	49. <i>Human rhinovirus</i>
50. <i>Human coronavirus</i>	50. <i>Human coronavirus</i>
51. <i>Human metapneumovirus</i>	51. <i>Human metapneumovirus</i>
52. <i>Human rhinovirus</i>	52. <i>Human rhinovirus</i>
53. <i>Human coronavirus</i>	53. <i>Human coronavirus</i>
54. <i>Human metapneumovirus</i>	54. <i>Human metapneumovirus</i>
55. <i>Human rhinovirus</i>	55. <i>Human rhinovirus</i>
56. <i>Human coronavirus</i>	56. <i>Human coronavirus</i>
57. <i>Human metapneumovirus</i>	57. <i>Human metapneumovirus</i>
58. <i>Human rhinovirus</i>	58. <i>Human rhinovirus</i>
59. <i>Human coronavirus</i>	59. <i>Human coronavirus</i>
60. <i>Human metapneumovirus</i>	60. <i>Human metapneumovirus</i>
61. <i>Human rhinovirus</i>	61. <i>Human rhinovirus</i>
62. <i>Human coronavirus</i>	62. <i>Human coronavirus</i>
63. <i>Human metapneumovirus</i>	63. <i>Human metapneumovirus</i>
64. <i>Human rhinovirus</i>	64. <i>Human rhinovirus</i>
65. <i>Human coronavirus</i>	65. <i>Human coronavirus</i>
66. <i>Human metapneumovirus</i>	66. <i>Human metapneumovirus</i>
67. <i>Human rhinovirus</i>	67. <i>Human rhinovirus</i>
68. <i>Human coronavirus</i>	68. <i>Human coronavirus</i>
69. <i>Human metapneumovirus</i>	69. <i>Human metapneumovirus</i>
70. <i>Human rhinovirus</i>	70. <i>Human rhinovirus</i>
71. <i>Human coronavirus</i>	71. <i>Human coronavirus</i>
72. <i>Human metapneumovirus</i>	72. <i>Human metapneumovirus</i>
73. <i>Human rhinovirus</i>	73. <i>Human rhinovirus</i>
74. <i>Human coronavirus</i>	74. <i>Human coronavirus</i>
75. <i>Human metapneumovirus</i>	75. <i>Human metapneumovirus</i>
76. <i>Human rhinovirus</i>	76. <i>Human rhinovirus</i>
77. <i>Human coronavirus</i>	77. <i>Human coronavirus</i>
78. <i>Human metapneumovirus</i>	78. <i>Human metapneumovirus</i>
79. <i>Human rhinovirus</i>	79. <i>Human rhinovirus</i>
80. <i>Human coronavirus</i>	80. <i>Human coronavirus</i>
81. <i>Human metapneumovirus</i>	81. <i>Human metapneumovirus</i>
82. <i>Human rhinovirus</i>	82. <i>Human rhinovirus</i>
83. <i>Human coronavirus</i>	83. <i>Human coronavirus</i>
84. <i>Human metapneumovirus</i>	84. <i>Human metapneumovirus</i>
85. <i>Human rhinovirus</i>	85. <i>Human rhinovirus</i>
86. <i>Human coronavirus</i>	86. <i>Human coronavirus</i>
87. <i>Human metapneumovirus</i>	87. <i>Human metapneumovirus</i>
88. <i>Human rhinovirus</i>	88. <i>Human rhinovirus</i>
89. <i>Human coronavirus</i>	89. <i>Human coronavirus</i>
90. <i>Human metapneumovirus</i>	90. <i>Human metapneumovirus</i>
91. <i>Human rhinovirus</i>	91. <i>Human rhinovirus</i>
92. <i>Human coronavirus</i>	92. <i>Human coronavirus</i>
93. <i>Human metapneumovirus</i>	93. <i>Human metapneumovirus</i>
94.	

Primary			Secondary					Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
											A		B	B	B	B	B	E
													C	C	C	C	C	
															D	E	E	

- A Secondary school leaving certificates:
- Bachillerato en Educacion*—awarded upon completion of six years of primary education followed by six years of study in a teacher training institution to prepare for primary school teaching.
 - Bachillerato en Humanidades*—awarded upon completion of six years of primary education followed by six years of general secondary schooling.
 - Bachillerato tecnico o comercial*—awarded upon completion of six years of primary education followed by six years of study at a technical secondary school (industrial or commercial).
- B Professional titles—awarded upon completion of two to six years of university study. Length of program varies by field and from one school to another. Awarded in fields where no *licenciado* is offered.
- C *Licenciado/licenciatura*—awarded upon completion of two to six years of university studies. Length of program varies by field and from one school to another.
- D *Maestro/magister*—first university degree, earned after four years of postsecondary study.
- E *Doctorado*—awarded upon completion of at least one year of study and thesis following the *licenciado* or professional title. At some universities, the *doctorado* is a first degree awarded after five to seven years of study.

0- 10	6 or 7	Lowest passing grade
0-100	70	Lowest passing grade
0- 50	30	Lowest passing grade
0- 40	24	Lowest passing grade

- Applicants who have received a *licenciado*, *doctorado*, *maestro*, *magister*, or professional title requiring at least four years of university study may be considered for graduate admission. As the standard length of study varies considerably among programs and institutions, the International Handbook of Universities should be consulted for individual degree programs.

Egypt

- A General Secondary Education Certificate—awarded upon completion of three years of general education.
- A₁ Technical Secondary Education Certificate—awarded upon completion of three years of technical secondary education.
- B Primary School Teachers Certificate—awarded upon completion of five years of teacher training beyond basic education certificate (year nine).
- C Bachelor of Arts/Sciences—first university degree awarded upon completion of four years of tertiary education.
- C₁ Bachelor of Arts/Science in dentistry, pharmacy, engineering, fine arts, applied arts, and veterinary medicine—first university degree awarded upon completion of five years of tertiary education.
- C₂ Bachelor of Science in Medicine—first university degree awarded upon completion of six years of tertiary education.
- C₃ Diploma—awarded upon completion of one or two years of study beyond the bachelor's degree but is not considered the equivalent of a higher degree. Only qualifies holder for better job position or more pay.
- D Master's of Arts/Sciences—second university degree, awarded upon completion of one or two years of study plus thesis.
- E Doctorate—third university degree, extends two or three years beyond the master's degree. Consists of original research and writing a dissertation.

American grade	Suggested equivalent ARE grade	ARE % grade
A+ to A	Excellent or distinction	85% and up
A- to B	Very good	75% and less than 85%
B- to C	Good	65% and less than 75%
C- to D	Pass—fair	50% and less than 65%
F	Weak or poor	30% and less than 60%
F-	Very poor or very weak	Less than 30%

- A bachelor's degree is the minimum requirement for admission to graduate and professional school programs.
- The master's degree may be considered comparable to a U.S. master's degree.

Egypt

Additional Sources of Information

- The Admission and Academic Placement of Students from Selected Arab Countries: A Workshop Report.* NAFSA, Washington, D.C., 1976.
Education in the Middle East. AMIDEAST, Washington, D.C., 1983.
 Gezi, Kal, *The Educational System of the Arab Republic of Egypt.* U.S. Dept. of Health, Education, and Welfare, Washington, D.C., 1979.
 Wilcox, Lee, *Arab Republic of Egypt.* WES, AACRAO, 1988.

El Salvador

Educational System

Primary						Secondary						Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17.5	18	19

- A *Bachiller _____ (options such as *academico, en comercio y administracion, agricola, en artes, en navegacion y pesca, en salud, en hosteleria y turismo, industrial, en tecnicas vocacionales, pedagogico*)—awarded upon completion of 12 years of study.
- B *Bachiller mayor (offered at the Universidad Dr. Jose Matias Delgado only)—awarded upon completion of two years of tertiary study.
- B₁ Auxiliar en enfermeria, *Tecnico en _____, Perito agronomo, Profesor _____ (from the institutos tecnologicos)—awarded upon completion of two years of tertiary study.
- B₂ *Tecnico en _____, Bibliotecario, Profesor—awarded upon completion of three years of tertiary study.
- B₃ Tecnico aranzado—awarded after one year of study beyond the tecnico en _____.
- C Licenciado en _____—awarded upon completion of four to five and one-half years of tertiary study.
- C₁ Ingeniero _____, Doctor en odontologia, Cirujano dental—awarded upon completion of five to five and one-half years of tertiary study.
- C₂ Profesor universitario (offered only at Universidad Francisco Gavidia)—awarded after completion of at least one year of study beyond the licenciado.
- C₃ Arquitecto—awarded upon completion of five and one-half years of tertiary study.
- D Maestria—awarded after completion of at least two years of study beyond the licenciado.
- E Doctor en medicina—awarded upon completion of seven years of tertiary study.

*Titles of *bachiller* and *tecnico* are awarded at various levels. Check carefully to verify the level of these credentials.

Advice for Admissions Officers

- Applicants who have received the *licenciado* or one of the first professional degrees (for example *arquitecto, ingeniero, doctor en medicina*) may be considered

El Salvador

Ethiopia

Educational System

- A Ethiopian Leaving School Certificate (ELSC)—awarded upon completion of four years of senior secondary education and passing of the school leaving certificate examination.
- B Completion of Course III (accounting and secretarial studies) at Commercial School of Addis Ababa—three-year program based on completion of grade 10 or higher (eventually to be upgraded to associate degree-level).
- B₁ Completion of Course II (accounting and secretarial studies at Commercial School of Addis Ababa—two-year program based on completion of grade 12 (ELSC not required.)
- B₂ Completion of four-year program at Polytechnic Institute (*Bahar Dar*)—based on completion of at least grade 10.
- B₃ Completion of two-year program at Polytechnic Institute (*Bahar Dar*)—based on completion of grade 12.
- B₄ Certificate or diploma—awarded upon completion of two years of study in a tertiary institution. Entrance requirements are usually less stringent than for bachelor's degree programs.
- B₅ Associate degree—awarded upon completion of two years of study at University of Asmara. Also awarded by the College of Teacher Education.
- B₆ Certificate or diploma—awarded upon completion of three years of study in a tertiary institution. Entrance requirements are usually less stringent than for bachelor's degree programs.
- C Bachelor's degree—first university degree, awarded upon completion of four years of tertiary study.
- C₁ Degree from *Ecole Normale Supérieure*—awarded upon completion of four years of tertiary study.
- C₂ Bachelor of Laws—awarded upon completion of four years of study, following a preparatory university year at Addis Ababa University (formerly Haile Sellassie I University.)

Ethiopia

- C₃ Bachelor of Pharmacy—awarded upon completion of five years of study at Addis Ababa University.
- D Doctor of Medicine—awarded upon completion of seven years of study at Addis Ababa University (one year freshman program, one year of premedicine, and five years of medicine).

Grading Systems

Tertiary grades of A to F are calculated on the U.S. 4.0 quality-point system. Performance at the University of Asmara may be recorded in percentages, with 70 required as a promotion average.

Advice for Admissions Officers

- Holders of a bachelor's degree or the degree from the *Ecole Normale Supérieure* may be considered for graduate admission.

Additional Sources of Information

The Admission and Academic Placement of Students from Selected Sub-Saharan African Countries. A Workshop Report. The Joint Committee on Workshops of NAFSA and AACRAO, Washington, D.C., 1974.

Finland

Educational System

Lower Comprehensive						Upper Secondary						Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
											A			B	C	C	C ₁	D		E*
											A ₁			B ₁	C ₁	C ₁	D			
														B ₂						

*time not specified

- A *Lukion paastotodistus*—awarded upon completion of upper academic secondary school.
- A₁ *Ylioppilastutkintodistus*—awarded upon matriculation from upper academic secondary school.
- B *Humanististieteiden kandidaatti, Luonnontieteiden kand.*—candidate in humanities or natural sciences awarded after three years of study.
- B₁ *Sosionomi*—diploma in social sciences, awarded after three years of study.
- B₂ *Ekonomi*—economics degree (old), awarded after three years of study.
- C *Arkkitehti* (Architect degree)
Diplomi-insinööri (Engineer degree)
Ekonomi (Economics and Business Administration degree)
Eläinlääketieteen lisen. (Licentiate in Veterinary Medicine)
Elintarviketieteiden kand. (Candidate in Food Sciences)
Filosofian kandidaatti (Candidate in Philosophy)
Hallintotieteiden kand. (Candidate in Administrative Sciences)
Hammaslääketieteen lisen. (Licentiate in Dentistry)

Kasvatustieteiden kand. (Candidate in Education)
Laaketieteen lisensiaatti (Licentiate in Medicine)
Liikuntatieteen kand. (Candidate in Physical Education)
Maatalous-ja metsätieteiden kandidaatti (Candidate in Agriculture and Forestry)
Musiikin kandidaatti (Candidate in Music)
Oikeustieteen kandidaatti (Candidate in Law)
Proviisori (Pharmacist degree)
Psykologian kandidaatti (Candidate in Psychology)
Taiteen kandidaatti (Candidate in Industrial Arts)
Teatteritaiteen kand. (Candidate in Theatre and Drama)
Teologian kandidaatti (Candidate in Theology)
Terveystieteiden kand. (Candidate in Health Sciences)
Valtiotieteiden kand. (Candidate in Political Sciences)
Yhteiskuntatieteiden kand. (Candidate in Social Sciences)—awarded upon completion of four to five years of study.

- C₁ *Lisensiaatti* in theology, law, dentistry, medicine—awarded for completion of four to six years of professional study; first professional degree in the field.
 D *Lisensiaatti*—licentiate awarded for two years of graduate study in all other fields.
 E *Tohtori*—doctorate degree in all fields awarded for advanced research and thesis.

Grading System

Institutes:

<u>Finnish term</u>	<u>English equivalent</u>	<u>Suggested U.S. equivalent</u>
<i>Kiiteettava</i>	Excellent	A
<i>Hyvä</i>	Good	B
<i>Tyydyttävä</i>	Satisfactory	C

Universities of Technology:

<u>Finnish term</u>	<u>English equivalent</u>	<u>Numerical equivalent</u>	<u>Suggested U.S. equivalent</u>
<i>Kiiteettava</i>	Excellent	5	A
<i>Erittain hyvä</i>	Very good	4	A-/B+
<i>Hyvä</i>	Good	3	B
<i>Erittain tyydyttävä</i>	Very satisfactory	2	C+
<i>Tyydyttävä</i>	Satisfactory	1	C
<i>Hylätty</i>	Failure	0	F

Universities:

Exams:

<u>Finnish term</u>	<u>English equivalent</u>	<u>Suggested U.S. equivalent</u>
<i>Erinomaiset tiedot</i>	Excellent	A
<i>Hyvät tiedot</i>	Good	B
<i>Tyydyttävät tiedot</i>	Satisfactory	C

Finnish term

Suggested
U.S. equivalent

A +
A
A -
B
B -
C
C -

- Completion of the various degrees awarded after four or five years may be considered for graduate admission with possible graduate transfer credit for programs requiring five or more years of study.
- Completion of the *lisensiaatti* degree (except in medicine, theology, dentistry, and veterinary medicine) may be considered for graduate admission and graduate transfer credit.
- The *tohtori* degree may be considered comparable to a U.S. earned doctorate degree.

Higher Education in Finland: Guide for Foreign Students—1985. Ministry of Education, Helsinki, 1985.
Educational Development in Finland 1984—1986. Ministry of Education, Helsinki, 1986.

Primary			Secondary								Tertiary						
1	~	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
				A	B		B ₁	C ₆	C ₅	D ₇	E ₂	H	H ₂	H ₂	H ₃	H ₃	
				A ₁			C	C ₇	C ₇	E	G	H ₁	H ₃	H ₃			
				A ₂			C ₁	C ₈	C ₈	E ₁	H	H ₂					
							C ₂	D ₃	D	E ₂	H ₁						
							C ₃		D ₁	E ₃							
							C ₄		D ₂	E ₄							
									D ₃	E ₅							
									D ₄	F							
									D ₅	F ₁							
									D ₆	F ₂							
									D ₈	G							
										G ₁							
										G ₂							
										G ₃							

70

- A *Diplome de Bachilier de l'Enseignement du Second Degré* (Baccalaureate of Secondary Education), *Diplome de Baccalaureat de Technicien* (Technical Baccalaureate)—awarded for success on a national examination (31 types) at the end of study in a *lycée*; gives access to university studies.
- A₁ *Baccalaureat Professionnel* (Vocational Baccalaureate)—awarded for success on a national examination following two years of classroom and practical training following the *Brevet d'Enseignement Professionnel* (first administered in 1988).
- A₂ *Brevet de Technicien* (Certificate of Technician)—awarded upon completion of three years of upper secondary study in technical fields; gives access to nonuniversity higher technical education.
- B Records for completion of *classes préparatoires*—awarded upon completion of one year of study in a *lycée* to prepare for the *concours* (entrance exam) for admission to a business, agricultural, and veterinary *grandes écoles*.
- B₁ Records for completion of *classes préparatoires*—issued for completion of two years of study in a *lycée* to prepare for the *concours* (entrance exam) for admission to an engineering *grande école*.
- C *Diplome d'Etudes Universitaires Generales* (DEUG) (Diploma of General University Studies)—awarded upon completion of two years of first-cycle university studies.
- C₁ *Diplome d'Etudes Universitaires Scientifiques et Techniques* (DEUST) (Diploma of University Scientific and Technical Studies)—awarded upon completion of two years of first-cycle university studies in some art, science, and technology programs.
- C₂ *Diplome Universitaire de Technologie* (DUT (University Diploma in Technology)—awarded upon completion of two years of study at a university institute of technology (UIT) to prepare for a profession; also gives access to second-cycle university study.
- C₃ *Brevet de Technicien Supérieur* (BTS) (Higher Technician Certificate)—awarded upon completion of two years of postsecondary nonuniversity studies in technical and applied fields. The *Brevet de Technicien* or *baccalaureat* is required for admission.
- C₄ *Certificat de Fin d'Etudes Normales* (Certificate of Completion of Teacher Training Studies)—awarded upon completion of two years of teacher education following the *baccalaureat*, prepared for primary school teaching prior to 1986.
- C₅ *Diplome d'Etudes Supérieures d'Instituteur* (Diplome of Higher Studies in Education)—awarded upon completion of two years of study in an *école normale* following the DEUG; prepares for primary school teaching. (Introduced in 1986.)
- C₆ *Licence*—awarded upon completion of one year of second-cycle university studies following the DEUG.
- C₇ *Diplome or Certificat de Fin d'Etudes* (Certificate of Completion) from a private business school recognized by the State (*établissement reconnu par l'Etat*)—awarded upon completion of three years of study (four years at some schools) in business following the *baccalaureat*.
- C₈ *Diplome or Certificat de Fin d'Etudes* (Certificate of Completion) from a private business school not recognized by the State—represents three years of study (four years at some schools) following the *baccalaureat*.
- D *Diplome Vise* (Sealed Diploma) from a traditional *grande école* of business—awarded upon completion of three years of study following one year *classe préparatoire* and *concours*.
- D₁ *Diplome d'Etudes Supérieures Commerciales Administratives et Financières* (DESCAF) (Diploma of Higher Studies in Commerce, Administration, and Finance)—represents three years of business studies following one year *classe préparatoire* and *concours*.
- D₂ *Diplome d'Etudes Politiques*—awarded upon completion of three years of study at an *Institut d'Etudes Politiques* (Institute of Political Studies) usually following a one-year preparatory program.

France

- D₃ *Diplome Superieur d'Arts Appliques* (Diploma of Applied Arts)—represents two years of art study following the *BTS* (was one year program until 1986).
- D₄ *Maitrise*—awarded upon completion of one year of second-cycle university studies beyond the *licence* or two years beyond the *DEUG*; gives access to third-cycle university studies.
- D₅ *Maitrise des Sciences et Techniques* (Science and Technology), *Maitrise des Sciences de Gestion* (Business), *Maitrise d'Information Appliquees a la Gestion* (Computer Science Applied to Business)—awarded upon completion of two years of second-cycle university studies following the *DEUG* and a preparatory program that is taken concurrently with the *DEUG*.
- D₆ *Diplome d'Ingenieur* (Diploma of Engineer)—represents four years of study at an *Ecole Nationale d'Ingenieurs* following the *baccalaureat* and *concours*.
- D₇ *Diplome d'Ingenieur* (Engineer Diploma)—awarded upon completion of three years of study in a *grande ecole* following a two-year *classe preparatoire*, or five years of study following the *baccalaureat*.
- D₈ *Diplome d'Agronomie Generale* (General Diploma in Agriculture)—awarded upon completion of two years of study in agriculture following two years of *classe preparatoire* and a *concours*.
- E *Certificat d'Aptitude au Professorat de l'Enseignement Secondaire* (CAPES) (Certificate of Qualification of Secondary School Teacher), *Certificat d'Aptitude au Professorat de l'Enseignement Technique* (CAPET) (Certificate of Qualification of Technical Education Teacher)—awarded for success on a highly competitive national examination taken following at least one year of study (usually more) beyond the *licence* and one year of teaching practice.
- E₁ *Magistere*—awarded upon completion of three years of university studies beyond the *DEUG* (entrance exam also required). Introduced in 1985; first awarded in 1988.
- E₂ *Diplome d'Architecte Diplome par le Gouvernement* (State Architecture Diploma)—awarded upon completion of three years of study following the *Diplome d'Etudes Fondamentales en Architecture* (two-year program).
- E₃ *Diplome de l'Ecole Speciale d'Architecture* (Diploma of the Special School of Architecture)—five-year program following the *baccalaureat*.
- E₄ *Diplome d'Architecte de l'Ecole Nationale Supérieure des Arts et Industries de Strasbourg* (Diploma of Architect of the Higher National School of Arts and Industries at Strasbourg)—four-year program following *baccalaureat* and a one-year *classe preparatoire*.
- E₅ *Diplome National Supérieur d'Expression Plastique* (Higher National Diploma of Studio Art)—awarded upon completion of three years of study beyond the two-year *Certificat d'Initiation Plastique* (Certificate of Introductory Studio Art).
- F *Diplome d'Etat de Docteur en Pharmacie* (State Diploma of Doctor of Pharmacy)—awarded upon completion of a five-year program in pharmacy.
- F₁ *Diplome d'Etat de Docteur en Chirurgie Dentaire* (State Diploma of Doctor of Dental Surgery)—awarded upon completion of a five-year program in dentistry.
- F₂ *Diplome d'Etat de Docteur Veterinaire* (State Diploma of Doctor of Veterinary Medicine)—awarded upon completion of a four-year program following a preparatory year.
- G *Mastere*—awarded upon completion of one year of third-cycle study at a *grande ecole* following the *diplome* from a *grande ecole* of business or the *Diplome d'Ingenieur*. The program includes 250 hours of classroom work, laboratory, and applied work, as well as a four to six month internship, project, and short thesis. Introduced in 1986.
- G₁ *Diplome d'Etudes Superieures Specialisees* (DESS (Diploma of Higher Specialized Studies)—awarded upon completion of one year of third-cycle university studies; does not give access to doctoral studies.
- G₂ *Diplome d'Etudes Approfondies* (DEA) (Diploma of In-Depth Studies)—awarded upon completion of one year of third-cycle university studies; required for admission to doctoral programs.

- G₃ *Certificat d'Aptitude a l'Administration des Entreprises (CAAE)* (Certificate of Qualification in Business Studies)—awarded upon completion of one year of third-cycle study following the *maitrise* or *Diplome d'Ingenieur* at an institute of business administration (regarded as a *DESS*).
- H *Doctorat de Troisieme Cycle* (Third-Cycle Doctorate)—awarded upon completion of one to two years beyond the *DEA* of research and writing a dissertation. Phased out beginning in 1984.
- H₁ *Diplome de Docteur-Ingenieur* (Doctoral Diploma in Engineering)—awarded upon completion of one to two years of study beyond the *Diplome d'Ingenieur* and *DEA*. Phased out beginning in 1984.
- H₂ *Doctorat* (Doctorate)—awarded upon completion of two to four years beyond the *DEA* of research and writing of a dissertation. Introduced in 1984.
- H₃ *Diplome d'Etat de Docteur en Medecine* (State Diploma of Doctor of Medicine)—awarded upon completion of two to five years of third-cycle study beyond the *Certificat de Synthese Clinique et Therapeutique* (total of eight to eleven years). The general medicine program requires two years of study. Specialization requires passing a *Concours d'Internat de Specialite* (speciality internship exam) followed by classroom instruction and clinical internship.
- H₄ *Diplome d'Etat de Docteur en Medecine, Mention Recherche Medicale* (State Diploma of Doctor of Medicine in Medical Research)—awarded upon completion of four years of third-cycle study and research leading to a dissertation.
- H₅ *Doctorat de l'Etat* (State Doctorate)—awarded upon completion of a dissertation following at least five years following the *maitrise* or three years following the Third-Cycle Doctorate. Phased out beginning in 1984.
- H₆ *Habilitation a Diriger des Recherches* (Entitlement to Direct Research)—awarded for a dossier of research, publications, and other contributions to the field submitted to the president of the university, review by a panel, and oral presentation by the candidate. To be eligible for the *habilitation*, candidates must have the new *doctorat* or the former *Doctorat d'Etat*. The holder of a *habilitation* may direct doctoral dissertations. Introduced in 1984.

Grading System

	Mention	
16-20	<i>Tres bien</i>	Outstanding
14-15	<i>Bien</i>	Very good
12-13	<i>Assez bien</i>	Good
10-11	<i>Passable</i>	Satisfactory

Failures are indicated as *Ajourne*

French instructors rarely use the entire range of grades. It is rare that grades of 16 and above are given, especially in the arts, letters, and social sciences. The passing grade for a single subject is usually 10/20, although grades of 8 and 9 usually indicate satisfactory performance. Regardless of individual subject grades, a student is considered to have passed an academic year when the combined average of all of his or her grades (*moyenne generale*) is 10 or above.

Advice for Admissions Officers

- The *licence* and other credentials requiring three years of postsecondary study are normally not sufficient preparation for graduate admissions consideration.
- Holders of four-year postsecondary credentials from universities or *grandes ecoles* may be considered for graduate admission.

France

- Holders of five-year postsecondary credentials may be considered for graduate admission with transfer credit determined through a course-by-course analysis of the last year of study.
- Holders of the *DESS* may be considered for graduate transfer credit. The *DESS* yields graduate transfer credit. The *DEA* and the master's may be considered comparable to U.S. master's degrees.
- The new *doctorat* and the former *Doctorat d'Etat* are comparable to U.S. doctoral degrees.

Additional Sources of Information

Morrissey, Mariam, *France, A Study of the Educational System of France and a Guide to the Academic Placement of Students in Educational Institutions of the United States*.

WES, AACRAO, Washington, D.C., 1988.

Wanner, Raymond E., *France*. WES, AACRAO, Washington, D.C., 1975.

Gabon

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
												A		B	B ₁	C ₁	C ₂	E
												A ₁		B ₁	C	D	D	
														B ₂				

- A *Baccalaureat* (secondary school certificate)—awarded upon completion of six years of primary and seven years of secondary school. Acceptable for admission to higher education.
- A₁ Special entrance exam—qualifying examination for entrance to higher education given to those students who do not hold the *baccalaureat*.
- B *Diplome de professeur du premier cycle de l'enseignement secondaire*—awarded upon completion of two years of tertiary-level study at the advanced teacher training college.
- B₁ *Diplome de specialiste qualifie*—qualification awarded by National School of Engineering after two years of study beyond the *baccalaureat*.
- B₂ *Diplome universitaire d'etudes* _____ (DUE)—qualification awarded after two years of study in the faculties of law and economics, arts, or science. Diploma issued in four areas: *economiques, juridiques, litteraires, and scientifiques*.
- B₃ *Certificat d'aptitude au professorat des colleges*—qualification awarded by advanced teacher training college after three years of study beyond the *baccalaureat*.
- C *Licence en Lettres*—awarded upon completion of three years of study beyond the *baccalaureat*.
- C₁ *Licence en Sciences economiques*—awarded upon completion of four years of study beyond the *baccalaureat*.
- C₂ *Diplome d'Ingenieur*—awarded upon completion of five years of study in engineering beyond the *baccalaureat*.
- D *Maitrise*—awarded after completion of one year of study beyond the *licence*.
- E *Doctorat*—qualification awarded by the University Centre for Health Sciences (CUSS) after six years of tertiary-level study.

17-20	<i>Tres bien</i>	Very Good	A +
14-16	<i>Bien</i>	Good	A
12-13	<i>Assez bien</i>	Good enough	B
10-11	<i>Passable</i>	Passing	C
9- 0	<i>Insufficient</i>	Failure	F

- Applicants holding the *licence* earned after three or more years of study or the *Diplôme d'Ingenieur* may be considered for graduate admission.
- Applicants holding the *maitrise* may be considered for admission to programs of graduate study at a level to be determined by the nature of the *maitrise* completed and its relevancy to the graduate program the student wishes to enter.

Trudeau, Edouard, *Selected French Speaking Sub-Saharan African Countries*, 1975.

Primary						Secondary						Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
						A ₁	A ₁	A ₂	B	B		C	C	D	D	E			

Democratic Republic

- A *Abschlusszeugnis* (Completion Certificate), *Mittlere Reife* (Middle Maturity—Zehnklassige allgemeinbildende polytechnische Oberschule (Ten-Grade General Education Polytechnical Secondary School) is a primary and lower secondary school, followed by university-preparatory, vocational, or combined university-preparatory and vocational education.
- A₁ *Teilberuf* (Partial Vocation)—three-year vocational program for eighth-grade leavers.
- A₂ *Reifeprüfung* (Maturity Certificate) [also known as *Abitur*]—*Erweiterte Oberschule* (Extended Secondary School) marks completion of university-preparatory study, grants university admission.
- A₃ *Facharbeiter Zeugnis* (Skilled Worker Certificate)—*Berufsschule* (Vocational School) marks completion of vocational secondary school.
- Note: both the *Reifeprüfung* and the *Facharbeiter Zeugnis* may be earned in a three-year combined university-preparatory and vocational program after grade ten.
- B Professional qualifications, such as *Ingenieur* (engineer), *Kindergartnerin* (kindergarten teacher), *Volkswirt* (economist), etc.—*Fachschule* (Technical School) completion of training for skilled technicians and professions, three or four years after grade 10.

German

Democratic Republic

- C *Diploma* (diploma)—completion of university studies, four or five years in most fields, six years in medicine.
- D *Doktor* (doctor)—three or four years of study and experience beyond *diploma*, requires dissertation.
- E *Doktor der Wissenschaften* (Doctor of Sciences)—four or five years beyond *doktor*, requires dissertation. Normal prerequisite for university professorship.

Grading System

All levels:

- | | | |
|---|---------------------|--------------|
| 1 | <i>Sehr gut</i> | Very Good |
| 2 | <i>Gut</i> | Good |
| 3 | <i>Befriedigend</i> | Satisfactory |
| 4 | <i>Genugend</i> | Sufficient |
| 5 | <i>Ungenugend</i> | Insufficient |

Advice for Admissions Officers

- Holders of the university *diploma* may be considered for graduate admission.

Germany

Federal Republic of

Educational System

Primary				Secondary									Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
										A	A ₁	A ₂	A ₃		B	B		C	
															B ₁				D
																			E

- A *Realschulabgangzeugnis, Realschulabschluss, Mittlere Reife, Sekundarabschluss I, Fachoberschulreife* (intermediate school certificate)—*Realschule* (intermediate school) is a secondary school extending to grade 10 (usually followed by vocational or technical training).
- A₁ *Berufsschulabschluss* (vocational school certificate)—*Berufsschule* is a vocational school combined with apprenticeship to complete compulsory education.
- A₂ *Fachoberschulabschluss, Fachhochschulreife*, (certificate of *Fachoberschule* completion or *Fachhochschule* readiness)—*Fachoberschule* is a technical secondary school, grades 11 and 12, following *Realschule*. Completion of this vocational option grants access to *Fachhochschule* (polytechnic university).
- A₃ *Abitur, Zeugnis der Allgemeinen Hochschulreife, Reifezeugnis* (certificate of completion of *Gymnasium*, college preparatory studies)—marks completion of 13 years of college preparatory study and grants university entrance.
- B *Vordiplom, Vorprüfungszeugnis, Zwischenprüfung, Zwischenzeugnis* (intermediate certificate)—marks intermediate point in university studies, usually after four to six semesters.
- B₁ *Diplom von Fachhochschule* (polytechnic university)—completion of polytechnic studies; usually lasts at least four years and includes at least one semester of internship.

- Federal Republic of

Ghana

Level (WASC/GCE-0)—based on results of WASC/GCE-0 examinations taken upon completion of five years of secondary education.

- A₂ Nonuniversity certificates and diplomas, e.g., Pre-technical Course-Ministry of Education Examination, Auxiliary Grade Nurses Certificate, Certificate B (Postmiddle School Certificate)—awarded upon completion of two years of study beyond Middle School Leaving Certificate.
- A₃ University certificates, e.g., archival studies, computer science, librarianship, statistics, adult education—awarded upon completion of one year of study beyond WASC/GCE-0 levels.
- A₄ Higher School Certificate, General Certificate of Education-Advanced Level (HSC/GCE-A)—based on results of HSC/GCE-A examinations taken upon completion of two years of study beyond WASC/GCE-0 levels.
- A₅ Nonuniversity certificates, e.g., business studies courses-Royal Society of Arts (RSA)—awarded upon completion of three years of study beyond Middle School Leaving Certificate. Ordinary technical diplomas in various fields of engineering, Teachers' Certificate A (two year postsecondary or four years postmiddle school), Midwifery Training Program—awarded upon completion of two years of study beyond WASC/GCE-0 levels.
- A₆ University certificates and diplomas, e.g., social administration, estate management, land surveying, various fields of engineering, External Licentiate in Theology—awarded upon completion of two years of study beyond WASC/GCE-0 levels.
- B Nonuniversity certificates and diplomas, e.g., Technician III Certificates in various fields of engineering, state registered nurses, Technical Teachers' Certificate (Business Education), three-year postsecondary teaching certificate (first graduates in 1978)—awarded upon completion of three years of study beyond WASC/GCE-0 levels.
- B₁ University certificates and diplomas, e.g., laboratory technician, dance, drama and theatre studies, music—awarded upon completion of three years of study beyond WASC/GCE-0 levels.
- B₂ Nonuniversity certificates and diplomas, e.g., Handicraft Certificate A, advanced teacher training college—awarded upon completion of three years of study beyond the pretechnical course.
- B₃ University certificates and diplomas, e.g., accounting, public administration, general agriculture, animal science, agricultural engineering, home science extension art—awarded upon completion of two years of study beyond HSC/GCE-A levels.
- Land surveying—awarded upon completion of two years of study beyond Land Surveying Certificate.
- Higher Technical Diplomas—awarded upon completion of two years of study beyond Ordinary Technical Diploma.
- Home science education—awarded upon completion of four years of study beyond WASC/GCE-0 levels.
- C Bachelor's degree—first university degree, awarded upon completion of a preliminary year (after WASC/GCE-0) plus three years of university study.
- C₁ Nonuniversity certificates and diplomas, e.g., Technical Teachers' Certificate (Teachers' Education)—awarded upon completion of one year of study beyond Higher Technical Diploma or Advanced Craft Certificate.
- C₂ University certificates and diplomas, e.g., Nursing Tutors' Diploma—awarded upon completion of two years of study beyond State Registered Nurse.
- African music—awarded upon completion of two years beyond Music Diploma.
- Agricultural extension and farm management; tropical horticulture—awarded upon completion of five years of study beyond WASC/GCE-0 levels, including a three-year certificate from an agricultural college.
- Physical planning; French—awarded upon completion of three years of study beyond HSC/GCE-A levels.

- C₃ Bachelor's degree—first university degree, awarded upon completion of three years of study beyond HSC/GCE-A levels or four years of study beyond GCE-O levels.
- C₄ Technical Teachers' Certificate (nonuniversity)—awarded upon completion of two years of study beyond Handicraft Certificate A.
- C₅ Diploma in Pharmacy (university)—awarded upon completion of four years of study beyond HSC/GCE-A levels.
- D University postgraduate diplomas, e.g., archival studies, computer science, forest protection, geology, journalism and mass communications, library studies, air conditioning and refrigeration, environmental health engineering, geodetic engineering and surveying, industrial management, sanitary/highway engineering—awarded upon completion of one year of study beyond the bachelor's degree.
- D₁ Bachelor of Arts Honours (Education)—second university degree, awarded upon completion of one year of study beyond the B.A. in Education.
- D₂ University postgraduate diplomas, e.g., architecture and various fields of engineering—awarded upon completion of one to two years of study beyond the bachelor's degree.
- E Master's degree—second university degree, awarded upon completion of two years of study plus a thesis beyond the bachelor's degree.
- F Bachelor of Medicine and Bachelor of Surgery (M.B., CH.B.) — first university degree, awarded upon completion of six years of study beyond GCE-A levels.
- G Ph.D.—third university degree, awarded upon completion of two to three years of study beyond the master's degree plus a dissertation.

Grading System

University grading

University of Ghana			University of Science and Technology			University of Cape Coast		
A	70-100	Pass	A +	85-100	Pass	A	70-100	Pass
B +	60- 69	Pass	A	75- 84	Pass	B +	60- 69	Pass
B -	50- 59	Pass	B	65- 74	Pass	B	50- 59	Pass
C	40- 49	Pass	C	50- 64	Pass	C	40- 49	Pass
D	30- 39	Fail	D	40- 49	Pass	D	30- 39	Fail
F	0- 29	Fail	E	0- 39	Fail	E	0- 29	Fail

Advice for Admissions Officers

- Holders of a bachelor's degree may be considered for graduate admission. Graduate transfer credit may be awarded for postgraduate diplomas on a course-by-course basis after a careful review of the syllabus.
- A master's degree may be considered comparable to a U.S. master's degree.
- A Ph.D. may be considered comparable to a U.S. Ph.D. degree.

Additional Sources of Information

Berry, Stan, *Ghana, A Guide to the Academic Placement of Students in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1976.

The Admission and Academic Placement of Students from Selected Sub-Saharan African Countries. A Workshop Report. The Joint Committee on Workshops of NAFSA and AACRAO, Washington, D.C., 1973.

Greece

Educational System

Primary (compulsory)					Secondary Gymnasium (compulsory)					Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
											A		B	B	B ₁	C ₁	C ₂
													B ₁	B ₂	C	D	D
													B ₂	B ₃			E*

*time not specified

- A *Apolyterion* (High School Certificate)—awarded upon completion of the three years of *lyceum* (upper secondary education), either general, multidisciplinary, or vocational-technical.
- B *Ptychion* (Preprimary Teacher Diploma, Home Economics Teacher Diploma, Primary Teacher Diploma)—awarded upon completion of two to three years of full-time tertiary study in a teacher training college. (Abolished in 1986).
- B₁ *Ptychion* (Physical Education Teacher Diploma)—awarded upon completion of four years of full-time tertiary study in a national academy for physical education (*ethniki akademía somatikis agogis*). (Abolished in 1986).
- B₂ *Ptychion* (Higher Technical-Vocational Diplomas)—awarded upon completion of two or three years of full-time tertiary study (depending on the specialization) in a Center for Higher Technical and Professional Studies (KATEE). In 1983, the KATEE were replaced by Technological Education Institutions (TEI) whose diplomas require three years of full-time study.
- B₃ School of Nursing - Graduate Nurse Certificate—awarded upon completion of three years of full-time tertiary study in a higher school of nursing. Beginning in 1983, nursing was offered at TEI departments of health and social care.
- C *Ptychion*, from a four-year university program—first university degree, awarded upon completion of four years of full-time tertiary study plus final examination.
- C₁ *Ptychion* in agriculture and forestry, veterinary medicine, dentistry, and engineering—first university degree, awarded upon completion of five years of full-time tertiary study plus final examinations.
- C₂ *Ptychion* in medicine—first professional degree in medicine, awarded upon completion of six years of full-time tertiary study.
- D *Diploma metaptychiakon* (Diploma of Graduate Studies)—awarded by a limited number of faculties upon completion of a series of courses covering one or two years beyond the first degree.
- E *Didaktorikon* (doctorate)—awarded on the basis of tutorial study, research, and completion of dissertation.

NOTE: Teacher training: Beginning in 1986, education of preprimary, primary, and physical education teachers was moved to departments of education in universities where students pursue a four-year program.

Graduate Education: Some faculties offer one- or two-year programs of advanced courses. Admission is based on qualifying examinations. A small number of doctorates (*didaktorikon*) are awarded each year to students who are accepted by a professor to do independent study, including research and a dissertation. Courses and examinations are not required.

Thessaloniki School of Industrial Studies		All other Greek universities	
Excellent	9.0–10.0	Excellent	8.5–10.0
Very good	7.0– 8.9	Very good	6.5– 8.4
Good	5.0– 6.9	Good	5.0– 6.4
Fair	Below 5	Fail	Below 5

- *Ptychion* from a four-year university program is the minimum requirement for admission to graduate and professional school degree programs.

Oliver, E. Eugene, *Greece: A Study of the Educational Systems of Greece and a Guide to the Academic Placement of Students from Greece in Educational Institutions in the United States*. WES, AACRAO, Washington, D.C., 1982.

Primary						Secondary			Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	13.5	14	14.5	15	16	17	18
										A	A ₂	B	B ₂	B	B	B ₂	C ₁	C ₁	D
										A ₁	A ₃	B ₁		B ₁	B ₁	C	C ₂	C ₂	
														B ₂	B ₃	C ₁	D	D	
														B ₃	C			E	
														B ₄					

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- ### Advice for Admissions Officers

- ### Additional Sources of Information

Primary				Lower Secondary				Lycee				Tertiary				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
First phase				Second or middle phase				Third phase								
												A	B	B	C	
												A ₁	B ₁	B ₁	D	
														B ₂		
														C		

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Guinea

- B₂ *Diplome d'ingenieur*—first university degree in engineering awarded for completion of four years of tertiary education.
- C *Diplome d'etudes Superieures*—second university degree awarded after the *licence*. Represents an additional year of study.
- D *Doctorat*—awarded after the *licence* and often also after the *diplome d'etudes superieures*. Completion of several years of research in the form of a thesis is required.

Grading System

Based on French grading system.

16-20	<i>Tres Bien</i>	A +
14-15	<i>Bien</i>	A
12-13	<i>Assez bien</i>	B
10-11	<i>Passable</i>	C

Advice for Admissions Officers

- Applicants holding university-level qualifications representing four years of postbaccalaureate study may be considered for graduate admission. The three-year *licence* is normally deemed insufficient preparation for graduate admission.

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
											A	A ₁			B	C ₁	C ₁	D	E	E	E
															C	C ₂	C ₂				
															C ₁		D				

- A *Certificat de Fin d'Etudes Secondaires classiques, Premiere Partie* (Certificate of Completion of Classical Secondary Studies, Part I)—awarded upon completion of 12 years of primary-secondary education and successful results on the *Baccalaureat I* examination.
- A₁ *Certificat de Fin d'Etudes Secondaires Classiques, Deuxieme Partie* (Certificate of Completion of Classical Secondary Studies, Part II)—awarded upon completion of one additional year of secondary study beyond *Baccalaureat I* and successful results on the *Baccalaureat II* examination.
- B *Certificat d'Aptitude au Professorat de l'Enseignement Secondaire (CAPES)* (Secondary School Teaching Certificate) — awarded upon completion of three years of tertiary study following *Baccalaureat II*.
- C *Diplome de Fin d'Etudes* (Diploma of Completion of Studies)—also called simply *diplome*, awarded upon completion of three to five years of tertiary study beyond *Baccalaureat II*.
- C₁ *Licence*—awarded upon completion of four to five years of tertiary study (some programs, such as linguistics, require three years).
- C₂ *Diplome d'Ingenieur* (Diploma in Engineering)—awarded for completion of four to five years of tertiary study after *Baccalaureat II*.

Haiti

- *The titles of *bachiller*, *tecnico*, and *profesor* are awarded at various educational levels. Check carefully to verify the actual level of these credentials.

- Applicants who have received the *licenciado*, some four-year *Bachiller universitario en* _____, and the first professional degrees (e.g., *ingeniero*, *arquitecto*, *doctor en cirugía*, etc.) may be considered for graduate admission. The *maestría* may be considered comparable to a U.S. master's degree.

The Admission and Placement of Students from Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama. A PIER Workshop Report, AACRAO/NAFSA, 1987.

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Hong Kong

- A Hong Kong Certificate of Education (HKCE)—awarded upon completion of five years of secondary education (Middle Five or Form Five) to students who sit for the examinations.
- A₁ Higher Level Certificate (old Matriculation Certificate, The Chinese University of Hong Kong—CUHK)—awarded upon completion of an additional year of secondary education (Middle Six or Lower Form Six) to students who sit for the CUHK Matriculation Examination. Since 1979, this has been renamed the Hong Kong Advanced Level Examination (HKALE).
- A₂ Hong Kong Advanced Level Certificate (HKALC) — students who have completed Upper Form Six are eligible to sit for these “A” Level examinations.
- B Higher Diploma (Hong Kong Polytechnic)—awarded upon completion of three years of tertiary education beyond Hong Kong Certificate of Education.
- B₁ Associateship (Hong Kong Polytechnic)—awarded upon completion of a one-year program of study beyond the appropriate Higher Diploma.
- B₂ Higher Diploma, Lingnan College, Senior diploma (Hong Kong Baptist College)—awarded upon completion of a four-year (two plus two) program of study beyond the Hong Kong Certificate of Education.
- C Bachelor’s degree—first degree, awarded upon completion of three years of tertiary education beyond Upper Form Six or four years beyond Middle Six.
- C₁ Bachelor’s degree—first degree awarded by Chinese University of Hong Kong upon completion of four years of tertiary education beyond Upper Form Six.
- C₂ Diploma (Shue Yan College)—awarded on the basis of four years of education beyond Lower Form Six or Middle Six.
- C₃ Honours Diploma (Hong Kong Baptist College)—awarded upon completion of one year of tertiary education beyond the Senior Diploma.
- C₄ Honours Diploma (Lingnan College)—based on an additional year of studies beyond the Diploma.
- C₅ Bachelor of Medicine, Bachelor of Surgery (MBChB) — first professional degree awarded upon completion of five years of tertiary study.
- D Bachelor of Architecture—second degree awarded upon two years of tertiary study after B.A. (Architecture Studies.)
- D₁ Master’s degree—second degree awarded upon completion of one or two years of tertiary study after first degree.
- D₂ Master of Philosophy (MPhil)—second degree awarded upon completion of two years of full-time study, exam, and thesis.
- E Doctor of Philosophy (PhD)—third university degree awarded upon completion of two to three years of full-time study beyond a master’s degree plus exam and thesis.
- F Doctor of Medicine (M.D.)—second professional degree awarded upon completion of five years of study beyond appropriate first degree.

Academic Institutions

Chinese University of Hong Kong
 The University of Hong Kong
 Hong Kong Baptist College
 Hong Kong Polytechnic
 City Polytechnic of Hong Kong
 Hong Kong Shue Yan College
 Lingnan College

Several institutions are not accredited as postsecondary colleges by the Hong Kong government. With the cooperation of the Ministry of Education in the Republic of China (Taiwan), 13 institutions are able to produce bachelor’s degrees for their graduates. These private institutions are: Canton College, Chu Hai College, Far East College, Great Union College, Hong Kong Buddhist College, Hong Kong College (formerly Heung Kong College), Hwa Kiu College, Tak Ming

College, Tsing Hua College, Hong Kong Lutheran College, Sun Yat Sen College, Ping Jing Evening College of Commerce, and Wan Han College.

Hong Kong

Grading Systems

The Chinese University of Hong Kong since 1978:

<u>Grade</u>	<u>Standard</u>	<u>Converted points</u>
A	Excellent	4.0
A-	Very good	3.7
B+	Good	3.3
B	Good	3.0
B-	Good	2.7
C+	Fair	2.3
C	Fair	2.0
C-	Fair	1.7
D	Poor	1.0
E	Failure	0.0
F	Bad failure	0.0

Prior To 1978 By College:

Chung Chi College

A	Excellent	11.0-12.0
B	Good	8.0-10.0
C	Average	5.0- 7.0
D	Pass	2.0- 4.0
E	Unsatisfactory	1.0
F	Failure	0.0

New Asia

A	Pass
B	Pass
C	Pass
D	Pass
E	Failure
F	Failure

United

A	Excellent	4.0
A-	Very good	3.7
B	Good	3.0
C	Fair	2.0
D	Poor	1.0
E	Failure	0.0
F	Bad failure	0.0

Hong Kong Baptist College: Degree programs

A	Excellent	4.00
A-		3.75
B+	Very Good	3.30
B	Good	3.00
B-		2.75
C+	Satisfactory	2.30
C		2.00

Hong Kong

C-	Pass	1.70
D		1.00
E	Conditional grade	0.00
F	Failure	0.00
I	Incomplete	0.00
S	Satisfactory (for noncredit subjects)	Not included in GPA calculation
WS	Withdrawn satisfactory	Not included in GPA calculation

Honours Diploma program and two-year diploma program:

A	Excellent	4.00
B	Good	3.00
C	Satisfactory	2.00
D	Pass	1.00
E	Conditional grade	0.00
F	Failure	0.00
I	Incomplete	0.00
S	Satisfactory (for noncredit subjects)	Not included in GPA calculation
WS	Withdrawn satisfactory	Not included in GPA calculation
WF	Withdrawn failing	0.00
YR	Year grade	Not included in GPA calculation
NR	Not yet reported	Not included in GPA calculation

Hong Kong Shue Yan College

A	Excellent	4.0
B	Good	3.0
C	Average	2.0
D	Below average	1.0
F	Failure	0.0

Lingnan College

Grade		Standard	Converted points
A+	4.0	Excellent	13
A		Excellent	12
A-		Excellent	11
B+	3.0	Good	10
		Good	9
B-		Good	8
C+	2.0	Fair	7
C		Fair	6
C-		Fair	5
D+	1.0	Poor	4
D		Poor	3
D-		Poor	2
E		Prospective failure after one term	1
F	0.0	Failure	0

Hong Kong

City Polytechnic of Hong Kong

Advice for Admissions Officers

- ### Additional Sources of Information

The Admission and Placement of Students from Hong Kong, Malaysia, Philippines, Singapore. Report of a Workshop. The Joint Committee on Workshops of NAFAA and AACRAO, Washington, D.C., 1980.

Hungary

*time not specified

Hungary

- A *Erettsegi bizonyítvány* (maturity certificate)—awarded for completion of a four-year program at a *gimnázium* following eight years of primary school. Provides access to university study.
- A₁ *Szakközépiskolai Technikus-Kepesítő Bizonyítvány* (Technical Secondary School Maturity Certificate)—awarded for completion of a four-year program at a *Szakközép* (secondary technical school) following eight years of primary school. Provides access to university study.
- A₂ *Technikus* (Technician's Certificate)—awarded for completion of one year of study beyond the Technical Secondary School Technician's Certificate.
- B *Üzem Mernök* (Production Engineer)—awarded for completion of a three-year program at a university or *foiskola* (college).
- B₁ *Oklevel* (diploma) or *bizonyítvány* (certificate)—awarded for completion of a three-year program at a university or *foiskola* (college) in applied fields of agriculture, business, engineering, hotel management, etc.
- B₂ *Ötösvéti Oklevel* in preprimary teacher training—awarded upon completion of two years (three years beginning in 1989) of tertiary study.
- B₃ *Tanítói Oklevel* (Certificate of Lower Primary School Teacher)—awarded upon completion of three years of tertiary study.
- C *Tanári Oklevel* (Certificate of Upper Primary School Teacher)—awarded for completion of four years of tertiary study at a university or *foiskola*.
- C₁ *Tanár-jelölt Oklevel* (Diploma of Secondary School Teacher)—awarded for completion of four to five years of study at a teacher training college or university.
- C₂ *Oklevel* (diploma) from a *foiskola* (college)—awarded for completion of four years of tertiary study.
- C₃ *Oklevel* (diploma) from a university—first university degree awarded for completion of five years of tertiary study.
- C₄ *Jogtudományi Doktor* (Doctorate in Law)—first professional degree, awarded for completion of four and one-half years of university study.
- C₅ *Fogorvos* (dentistry), *Allatorvos* (veterinary medicine), *Gyógyszerész*—first professional degree, awarded for completion of five years of university study.
- C₆ *Orvos* (medicine)—first professional degree, awarded for completion of six years of university study.
- D *Egyetemi Doktor/dr. univ.* (university doctorate)—second university degree, awarded for completion of a minimum of one year (usually several years) of advanced study and thesis beyond the first degree. Courses are not required. Students must write and defend a thesis and pass an oral examination administered by a faculty committee.
- E *Kandidatus*—awarded by the Hungarian Academy of Sciences for completion of at least three years (usually more) of advanced research and, in exceptional cases, for recognition of significant, well documented scientific accomplishment.
- F *Tudománytökéldoktora*—awarded by the Hungarian Academy of Sciences for several years of independent research beyond the *kandidatus* and publications proving scientific discovery.

Grading System

5	<i>Jeles</i>	Outstanding or excellent
4	<i>jó</i>	Good
3	<i>Közepes</i>	Fair
2	<i>Elegesges</i>	Satisfactory
1	<i>Elegtelen</i>	Unsatisfactory

Hungary

- _____

Iceland

Iceland

Grading System

There are two grading systems in common use in schools and colleges above the compulsory level:

- A Excellent
B Good, above-to-high average
C Adequate for continuation, low average
D Inadequate for continuation, no credit given, but no re-sit requirement
E Fail

			Suggested U.S. equivalent
9.00–10.00	<i>agaetiseinkunn</i>	Excellent	A
7.25– 8.99	<i>I einkunn</i>	First class, (very) good	B + /A –
6.00– 7.24	<i>II einkunn</i>	Second class, good average	C + /B
5.00– 5.99	<i>III einkunn</i>	Third class, adequate	C
0.00– 4.99		Fail	

The University of Iceland previously employed a scale with a range of minus 22 to plus 16. The minus scores were used to calculate the general average, but represented a "fail" in the specific course.

Advice for Admissions Officers

- Students who hold three and one-half or four-year B.A. degrees should be considered for admission to graduate study in the United States. A good student can complete a bachelor's degree (BA/BS) in three years.
- Students who hold the *kennaraprof* from the Teachers University of Iceland should be considered for graduate admission in a school of education. *Kennaraprof* no longer exists; teachers now have B.Ed. or BA/BS with professional year.
- Students who hold the *Cand. Mag.* should be considered for graduate admission with transfer credit determined on a course-by-course basis.

Additional Sources of Information

Admissions officers may wish to write to The Ministry of Culture and Education,
Hverfisgata 6, Reykjavik, Iceland.

The Admission and Academic Placement of Students from Nordic Countries. A Workshop Report. NAFSA, Washington, D.C., 1974.

India

Educational System

Primary				Secondary				Tertiary														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16.5	17	18	19	20	21	22
									A	A ₁	A ₂	B	B	B	B ₂	C ₂	C ₃	C ₃	C ₄	F	H	I
											A ₃		B ₁	B ₁	B ₄		C ₄	C ₄	F	H	I	
											A ₄			B ₂	C		D	D	G	I		
														B ₃	C ₁			D ₁	H			
														B ₄	C ₃			E				
																		F				

- A High School Certificate (HSC), High School Leaving Certificate, Matriculation Certificate, Higher Secondary Certificate, Secondary School Certificate (SSC), Secondary School Leaving Certificate (SSLC), Indian Certificate of Secondary Education (post-1976), All-Indian Secondary School Certificate—awarded upon completion of 10 years of primary-secondary study.
- A₁ Indian School Certificate, Higher Secondary School Certificate (HSSC), Predegree Certificate, Preuniversity Examinations (Arts, Sciences, and Commerce), Senior Cambridge Certificate; since 1975—Higher Secondary Certificates (Preuniversity, Part II)—awarded upon completion of 11 years of primary-secondary study.
- A₂ First Year B.A., B.Sc., B.Com. examinations; since 1975—All-Indian Senior School Certificate, Indian School Certificate, Higher Secondary School—Pre-Degree, Intermediate Certificate, Higher Secondary Certificates (Preprofessional, and Preuniversity)—awarded upon completion of 12 years of study.
- A₃ Intermediate Certificate (arts, sciences, and commerce)—awarded upon completion of one year of study following the preuniversity examinations.
- A₄ Preprofessional examinations (predental, preengineering, premedical, etc.)—awarded upon completion of 12 years of study.
- B Undergraduate diplomas—awarded after completion of one to three years of tertiary study.
- B₁ B.A., B.Sc., B.Com. (Pass, General, and Honours); B. Physical Education—awarded upon completion of two or three years of tertiary study.
- B₂ B.Education, B.Library Science—diploma awarded after one year of study beyond the two- or three-year bachelor's degree.
- B₃ B.Pharmacy—awarded upon completion of three years of tertiary study.
- B₄ Postgraduate diplomas in: home science, language, librarianship, or social work—awarded upon completion of one to two years of study beyond the two-year bachelor's degree.
- C B.Dental Surgery, Nursing, Veterinary Science—awarded upon completion of four years of tertiary study.
- C₁ B.Engineering, Technology, and Architecture, B.Sc.(Engineering), B.A.(Ed.), B.Sc.(Ed.), B.Ed.(Sc.), B.Ed.(Special)—awarded upon completion of four years of tertiary study.
- C₂ Bachelor of Medicine, Bachelor of Surgery (M.B.B.S.)—awarded upon completion of four and one-half years of tertiary study.
- C₃ Postgraduate diplomas in: business administration, business management, or industrial management—awarded upon completion of one to three years beyond the three-year bachelor's degree.
- C₄ LL.B.—awarded upon completion of three years of study beyond any bachelor's degree.
- D Master of Arts, Science, Commerce, Business Administration, or Education—awarded upon completion of two years of study beyond a three- or four-year bachelor's degree.
- D₁ Master of Engineering, or Technology—awarded upon completion of six years of tertiary study.
- E Ph.D.—awarded upon completion of six years of tertiary study.
- F M.Phil.—awarded upon completion of one to two years of tertiary study following a master's degree.
- G D.Litt., D.Mus., D.C.L., D.Sc.—awarded in recognition of post-Ph.D. research and publication. No minimum study required.
- H LL.M.—awarded upon completion of two years of study beyond the LL.B.
- I Ph.D., requiring the M.Phil. for admission—awarded upon completion of two years (minimum) of research only.

India

Grading system

Indian degrees are classified First Division with Distinction, First Division, Second Division, Third Division, and Pass. Often the term "Class" is used in place of "Division." Marks sheets (transcripts) for nonengineering programs use a division or class notation for yearly examinations. Engineering programs have detailed grade reports that include an explanation of the grading scale. The following table is a general rule to evaluating records from India:

<u>Typical university scale</u>	<u>U.S. grade</u>
80-100% Distinction	A +
60- 79% First Division	A
55- 59% Upper Second Division	upper B
45- 54% Lower Second Division	lower B
33- 44% Third Division	C
(Often a "Pass" Division follows "Third," and represents a D grade.)	

<u>Indian Institute of Technology, Madras</u>	<u>U.S. grade</u>
8.0-10.0 First Class with Distinction	A +
6.5- 7.9 First Class	A
5.0- 5.9 Second Class	B

<u>IIT, Bombay or Kanpur</u>	<u>U.S. grade</u>
8.5-10.0 First Class with Distinction	A +
6.5- 8.4 First Class	A
5.0- 6.4 Second Class	B

<u>IIT, Delhi or Kharagpur</u>	<u>U.S. grade</u>
7.5-10.0 First Class with Distinction	A +
6.5- 7.4 First Class	A
5.0- 6.4 Second Class	B

Advice for Admissions Officers

- The master's degree is the minimum qualification for admission to graduate and professional degree programs. Exceptions are the 16-year bachelor's degrees and postgraduate diploma programs.

Additional Sources of Information

The Admission and Placement of Students from South Asia: Bangladesh, India, Pakistan, Sri Lanka. A PIER Workshop Report, AACRAO/NAFSA, Washington, DC, 1986.

Primary						Secondary						Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
											A	B	B ₁	B ₂	C ₁	C ₁	D	E	E	G	G
														C	D	D	E	E ₁	E ₁	G ₁	G ₁
															D ₁	D ₂	E ₁	F ₂	G		
																	F ₁	G ₁	G ₁		
																	H		H ₁		

- A Surat tanda tamat belajar/ljazah sekolah menengah atas—secondary school leaving certificates awarded after completion of six years of primary education followed by six years of secondary education. Most Indonesian universities require one of these certificates plus an entrance examination for admission.
- B Diploma I/Akta I*—undergraduate diploma awarded after one year (20 to 30 credits) of study beyond secondary graduation. Qualifies holder to teach one subject at lower secondary level.
- B₁ Diploma II/Akta II*—undergraduate diploma awarded after two years (60 to 70 credits) of study beyond secondary graduation. Qualifies holder to teach two subjects at lower secondary level or one subject at higher secondary level.
- B₂ Diploma III/Akta III*—undergraduate diploma awarded after three years (90 to 100 credits) of study beyond secondary graduation. Qualifies holder to teach one subject at higher secondary level.
- C Bakalaureus/bakalaureat (sometimes called *sarjana muda* before 1982)—first university degree, awarded after three years of tertiary education. Regulated as part of the *sarjana*. (Students often require up to five years to complete the three-year program.)
- C₁ Insinyur/insinyur (Ir.)—first university degree awarded after four to five years of study in faculties of engineering and agriculture. (Students often require six to seven years to complete these programs.)
- D Sarjana or *sarjana lengkap*—this degree confers the title *Doctorandus/Doctoranda* (or *sarjana hukum* in the field of law). Second degree, awarded upon completion of a minimum of four years and maximum of six years of tertiary study (two years beyond *sarjana muda*). Students often require up to eight years to complete the five-year program.
- D₁ Akta IV—qualifies the candidate to teach two subjects at the secondary level.
- D₂ Akta V—teaching license that qualifies university and institute lecturers to teach in appropriate faculties.
- E Magister sains—degree awarded upon completion of a two-year program of coursework beyond the *sarjana*.
- E₁ Pasca sarjana—degree of higher education awarded after six to eight years of tertiary study (two years beyond the *sarjana*).
- F Dokter gigi (Drg.) (Doctor of Dentistry)—awarded after a total of five years of coursework and internship.
- F₁ Dokter hewan (Drh.) (Doctor of Veterinary Medicine)—awarded after a total of six years of coursework.
- F₂ Dokter Medikal—awarded after six to seven years of coursework and internship.
- G Doktor—degree of higher education awarded after eight to eleven years of tertiary study (two years beyond *pasca sarjana*). Awarded by University Senate.
- G₁ Doctor of Philosophy (Ph.D.)—awarded after three to five years of study beyond the *sarjana* or *insinyur*. Program consists of coursework and dissertation.

Indonesia

- H *Specialis I*—certificate of higher education on level of *pasca sarjana*. Awarded after six to eight years of tertiary study and significant contributions to field of study.
- H₁ *Specialis II*—certificate of higher education on level of *doktor*. Awarded after eight to eleven years of tertiary study and significant contributions to field of study.

*Diplomas I, II, and III are awarded at teacher training institutes. University-level students who are not in the field of education must obtain the *Akta* at the appropriate level in order to teach.

Grading System

Grading varies among tertiary institutions and even within institutions and faculties. High grades are rarely given. Quite often only "pass" (*lulus*) is shown on transcript. When grades are provided, the system below can be used:

1950s– 1960s	1960s to present	Present written assessment		Present system
5	10,9	<i>Istimewa</i>	Excellent	A
4	8	<i>Sangat baik</i>	Very good	A
3.5	7	<i>Baik</i>	Good	B
3	6	<i>Berhasil</i>	Successful	C
	5.75	<i>Lulus</i>	Minimum pass	C/D
2	5	<i>Lulus bersyarat</i>	Conditional pass	D
1	4,3,2,1	<i>Tidak lulus</i>	No pass, failure	F

Advice for Admissions Officers

- Students who have received the *sarjana* may be considered for graduate admission if they have graduated from public or "equalized" institutions. The *sarjana muda* is not considered sufficient preparation for graduate studies.
- Applicants holding the *dokter medikal* or the *dokter gigi* may be considered for graduate admission.
- Applicants holding the *magister sains* may be considered to hold a degree comparable to a U.S. master's degree.
- The *doktor* is not comparable to the U.S. Ph.D.; however, the Indonesian Ph.D. is considered comparable to the U.S. Ph.D.

Additional Sources of Information

Aanenson, Charles, *A Study of Indonesian Education and a Guide to the Academic Placement of Students from Indonesia in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1979.

Educational System

Iran

NEW SYSTEM																				
Primary Guidance Cycle					Intermediate (Secondary)							Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
OLD SYSTEM																				
Primary					Secondary															
1	2	3	4	5	6	7	8	9	10	11	12									
												A	B	C	D	E				

- A *Diplom* (secondary school completion)—awarded upon completion of 12 years of education.
- B *Kardani*—awarded upon completion of a minimum of two years of postsecondary education and 70 credits.
- C *Karshenasi/licence*—awarded upon completion of a minimum of four years of postsecondary education and 140 credits. In the past, a few institutions awarded a *karshenasi* after three years of postsecondary study.
- D *Karshenasi-arshad*—awarded upon completion of two years of study (32 credits) beyond the *karshenasi* or *licence*; was previously called *fogh-licence*.
- E *Doctorate*—awarded upon completion of 24 credits and a dissertation (after *karshenasi-arshad*). Iran does not use the term Ph.D, but "doctorate" is used in postgraduate degrees such as: medicine, dentistry, pharmacy, veterinary medicine, and a few humanities majors.

NOTE: The Ministry of Justice translators always translate Iranian degrees as: AA/AS, BA/BS, MA/MS, Ph.D and/or Doctor of _____.

Up to the year 1964, postsecondary education at all Iranian colleges and universities was three years in length. After 1964, the *licentiate* degree required four years of postsecondary study. The *above licentiate* was two years in length, and the length of the doctorate degree varied by major field.

The number of required units for *licence* was 140 before the Islamic Revolution in 1979. Since the Revolution, several religion courses have been added to the programs, thus increasing the units to 146–148. Students who had completed the *licence* before the Islamic Revolution and are now studying in graduate programs are required to take the additional religion and Islamic culture courses.

Grading System

Primary, guidance cycle, intermediate, and most tertiary education is graded on a scale of 0–20 with a minimum passing grade of 10. A few universities use 0–20 with 13 passing. Others use A,B,C,D,F, which can be considered the same as the U.S. 4.0 grading system.

10 passing 13 passing

A 17-20	A 18-20
B 15-16.9	B 15-17.9
C 12-14.9	C 13-14.9
D 10-11.9	F below 13
F below 10	

- The *karshenasi* is the minimum requirement for entry into graduate and professional degree programs.
- A *karshenasi-arshad* should be considered to be comparable to a U.S. master's degree.

Lockyear, Frederick E., *Iran, A Guide to the Academic Placement of Students from Iran in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1976.

[illegible]

- A Intermediate Baccalaureate (also known as Certificate of Intermediate Studies)—awarded upon completion of three years of intermediate education and a government examination.
- A₁ Preparatory Baccalaureate—awarded upon completion of three years of academic preparatory education and a government examination.
- A₂ Vocational Baccalaureate—awarded upon completion of three years of vocational preparatory education and a government examination.
- A₃ Diploma in Primary Education (1960s to 1988)—awarded upon completion of three years of preparatory-level teacher education at a teacher-training school.
- B Certificate in _____—formerly awarded by universities upon completion of at least one year of tertiary education.
- B₁ Diploma in Primary Education (since 1987)—awarded upon completion of two years of postsecondary teacher education at a teacher-training institute.
- B₂ Diploma in Primary Education _____—awarded upon completion of two years of postsecondary education at a teacher-training institute.
- B₃ Diploma—formerly awarded by universities and other postsecondary institutions upon completion of two to three years of tertiary education.

Ireland

- A₁ Leaving Certificate—awarded upon completion of two years of senior secondary school; leads to university admission or admission to other postsecondary institutions or to higher grades of clerical or commercial employment.
- B National Diploma (Higher Technician's Diploma)—awarded to technical college students by National Council of Educational Awards.
- B₁ Bachelor's degree—awarded upon completion of three years of tertiary education in arts and sciences (Pass) at the National University of Ireland or in education at the College of Education.
- C Bachelor's degree—awarded upon completion of four years of tertiary education in arts and sciences, engineering, dairy science, and agriculture at the University of Dublin.
- C₁ Bachelor's degree—awarded upon completion of five years of tertiary education in architecture, dentistry, and veterinary science.
- C₂ Bachelor's degree—awarded upon completion of six years of tertiary education in medicine.
- D Master's degree—awarded upon completion of two years of postbachelor's degree coursework and a minor thesis plus an examination, or two years of coursework plus a major thesis. NOTE: Graduates of the University of Dublin can obtain a Master of Arts degree upon payment of five pounds some three to four years after they have completed their coursework at the university.
- E Ph.D.—awarded upon completion of a dissertation. Requires a minimum of three years of research beyond the master's degree.

Grading System

National Certificates and Diplomas—Technical Education

With distinction	Excellent
With credit	Good to very good
Pass	Average
Fail	

University

	Approximate U.S. equivalent
I First Class	A
II-I Second Class, Upper Division	B+
II-II Second Class, Lower Division	B-
III Third Class	C
P Pass	D
F Fail	F

Advice for Admissions Officers

- A four-year bachelor's degree should be considered the minimum requirement for admission to graduate and professional programs.
- Holders of a master's degree may be considered to have the equivalent of a U.S. master's degree.
- Holders of a Ph.D. may be considered to have the equivalent of a U.S. Ph.D.

Additional Sources of Information

Ireland: A Directory and Yearbook. Institute of Public Administration, Dublin, 1987.

Primary						Secondary			Tertiary											
3	4	5	6	7	8	9	10	11	12	12.5	13	14	15	16	16.5	17	17.5	18	18.5	19
									A	A ₂	A ₂	A ₂	B ₃	C ₁	D	C ₃	D	E	E	E
									A ₁	A ₃	B	B ₁	B ₄	C ₂		D		F		G
												B ₂	C	D						

- A *Teudat Gemer Tichonit* or *Teudat Hagamar Hatichonit* (Secondary School Final Diploma)—certificate recognizing completion of grade 12.
- A₁ *Teudat Bagrut* (Matriculation Certificate)—basic qualification required for admission to universities. Awarded after 12 years of primary-secondary schooling and successful completion of matriculation examinations.
- A₂ *Mechinot* (preparatory programs)—programs of seven months to two years in length designed to provide students who are ineligible for university admission with a second chance to qualify.
- A₃ *Practical Nurse*—title awarded after a three and one-half-year program following grade nine.
- B *Technai* (Technician)—title awarded after completion of a one-year full-time or one and one-half-year part-time postsecondary program.
- B₁ *Handassai* (Practical Engineer)—title awarded after completion of a two-year postsecondary program.
- B₂ *Teudat Horahah* (Qualified Teacher)—title awarded after completion of a two-year program following the matriculation certificate. Minimum qualification required for teacher in daycare centers, nursery schools, and kindergartens.
- B₃ *Teudat Horahah Bachir* (Senior Qualified Teacher)—title awarded after completion of a three-year program following the matriculation certificate. Most primary and secondary teachers have completed this program.
- B₄ *Registered Nurse* (qualified professional nurse)—title awarded after completion of three years of postsecondary study. Further one-year specialization diplomas are available. Diploma holders may also go on to complete a B.Nurs.Sc. (Practical nurses may qualify as registered nurses by completing a special 18-month hospital program).
- C *Bachelor's degree*—awarded after completion of three years of university study. This is the most commonly awarded university degree in Israel.
- C₁ *Four-year bachelor's degree*—awarded after completion of four years of postsecondary study. Many four-year degrees are awarded at nonuniversity institutions.
- C₂ *Bachelor of Laws*—awarded after completion of four years of postsecondary study.
- C₃ *Bachelor's degree*—awarded after completion of five years of postsecondary study.
- D *Master's degree*—awarded after completion of one to one and one-half years of study beyond the bachelor's level.
- E *Doctor of Philosophy*—awarded after completion of a minimum of two years of study beyond the master's level.
- F *Doctor of Veterinary Medicine*—awarded after completion of two years of a Bachelor of Science program followed by four years of study.
- G *Doctor of Dental Medicine, Doctor of Medicine*—awarded after completion of six years of study plus one year of internship beyond the secondary level.

The most common university grading scale is as follows:

95-100	Excellent	A +
85- 94	Very good	A
75- 84	Good	B
65- 74	Fair	C
50- 64	Pass	D
0- 49	Fail	F

Advice for Admissions Officers

- ### Additional Sources of Information

Frey, James S., *Israel: A Study of the Educational System of Israel and a Guide to the Academic Placement of Students from Israel in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1976.

Elementary								Lower Secondary				Upper Secondary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
										A	A ₁	A ₂		B	B ₁	B ₂	C	C	D	D	E
																C	D	D			E

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- A₁ *Diploma di maturita magistrale*—awarded upon completion of four years of upper secondary education.
- A₂ *Diploma di maturita classica, Diploma di maturita scientifica, Diploma di maturita linguistica, Diploma di maturita tecnica, Diploma di maturita professionale, Diploma di maturita artistica*—awarded upon completion of five years of upper secondary education.
- B *Diploma in statistics*—awarded upon completion of two years of university education.
- B₁ *Diploma in pharmacy, diploma in elementary school supervision, diploma in physical education*—awarded upon completion of three years of university education.
- B₂ *Diploma in various areas of specialization*—awarded upon completion of four years of tertiary-level education at fine arts academies or industrial arts institutes.
- C *Diploma di laurea di dottore*—awarded upon completion of from four to six years of university education.
- D *Post-laurea certificates*—awarded upon completion of from one to five years of post-laurea studies.
- E *Dottore di ricerca*—awarded upon completion of at least four years of post-laurea studies.

Grading System

Universities and university institutes:

- 30 Highest possible grade
- 18 Lowest passing grade
- 0-17 Failure

Grading for the defense of the thesis is out of a maximum of 110 and is expressed as a fraction, e.g., as "90/110."

Advice for Admissions Officers

- The *laurea* is the minimum requirement for admission to graduate and professional degree programs.
- All post-laurea diplomas represent graduate-level work. Advanced standing may be awarded in accordance with the policies of individual institutions.
- Many post-laurea diplomas may be considered comparable to a U.S. master's degree if they require two or more years of work.
- The *dottore di ricerca* represents advanced graduate work and may be comparable to a U.S. earned doctorate. Since the requirements for a *dottore di ricerca* vary, each must be evaluated individually.
- Graduates of a fine arts academy or an industrial arts institute may be considered for admission to graduate programs in fields of study closely related to their tertiary-level studies in Italy.

Additional Sources of Information

Capobianco, Joseph P., *Italy: A Study of the Educational System of Italy and a Guide to the Academic Placement of Students from Italy in Educational Institutions of the United States*. WES, Washington, D.C., 1981.

Primary	Secondary
1. <i>Chlamydia trachomatis</i>	1. <i>Chlamydia trachomatis</i>
2. <i>Neisseria gonorrhoeae</i>	2. <i>Neisseria gonorrhoeae</i>
3. <i>Trichomonas vaginalis</i>	3. <i>Trichomonas vaginalis</i>
4. <i>Herpes simplex virus</i>	4. <i>Herpes simplex virus</i>
5. <i>Human papillomavirus</i>	5. <i>Human papillomavirus</i>
6. <i>Candida albicans</i>	6. <i>Candida albicans</i>
7. <i>Streptococcus pneumoniae</i>	7. <i>Streptococcus pneumoniae</i>
8. <i>Staphylococcus aureus</i>	8. <i>Staphylococcus aureus</i>
9. <i>Escherichia coli</i>	9. <i>Escherichia coli</i>
10. <i>Haemophilus influenzae</i>	10. <i>Haemophilus influenzae</i>
11. <i>Mycoplasma genitalium</i>	11. <i>Mycoplasma genitalium</i>
12. <i>Ureaplasma urealyticum</i>	12. <i>Ureaplasma urealyticum</i>
13. <i>Chlamydia pneumoniae</i>	13. <i>Chlamydia pneumoniae</i>
14. <i>Legionella pneumophila</i>	14. <i>Legionella pneumophila</i>
15. <i>Coccidioides immitis</i>	15. <i>Coccidioides immitis</i>
16. <i>Histoplasma capsulatum</i>	16. <i>Histoplasma capsulatum</i>
17. <i>Blastomyces dermatitidis</i>	17. <i>Blastomyces dermatitidis</i>
18. <i>Cryptosporidium parvum</i>	18. <i>Cryptosporidium parvum</i>
19. <i>Isospora belli</i>	19. <i>Isospora belli</i>
20. <i>Toxoplasma gondii</i>	20. <i>Toxoplasma gondii</i>
21. <i>Microsporidium</i>	21. <i>Microsporidium</i>
22. <i>Giardia lamblia</i>	22. <i>Giardia lamblia</i>
23. <i>Entamoeba histolytica</i>	23. <i>Entamoeba histolytica</i>
24. <i>Trichinella spiralis</i>	24. <i>Trichinella spiralis</i>
25. <i>Strongyloides stercoralis</i>	25. <i>Strongyloides stercoralis</i>
26. <i>Ascaris lumbricoides</i>	26. <i>Ascaris lumbricoides</i>
27. <i>Trichostrongylus axei</i>	27. <i>Trichostrongylus axei</i>
28. <i>Trichostrongylus colubriformis</i>	28. <i>Trichostrongylus colubriformis</i>
29. <i>Ostertagia circumcincta</i>	29. <i>Ostertagia circumcincta</i>
30. <i>Haemonchus contortus</i>	30. <i>Haemonchus contortus</i>
31. <i>Trichostrongylus colubriformis</i>	31. <i>Trichostrongylus colubriformis</i>
32. <i>Ostertagia circumcincta</i>	32. <i>Ostertagia circumcincta</i>
33. <i>Haemonchus contortus</i>	33. <i>Haemonchus contortus</i>
34. <i>Trichostrongylus colubriformis</i>	34. <i>Trichostrongylus colubriformis</i>
35. <i>Ostertagia circumcincta</i>	35. <i>Ostertagia circumcincta</i>
36. <i>Haemonchus contortus</i>	36. <i>Haemonchus contortus</i>
37. <i>Trichostrongylus colubriformis</i>	37. <i>Trichostrongylus colubriformis</i>
38. <i>Ostertagia circumcincta</i>	38. <i>Ostertagia circumcincta</i>
39. <i>Haemonchus contortus</i>	39. <i>Haemonchus contortus</i>
40. <i>Trichostrongylus colubriformis</i>	40. <i>Trichostrongylus colubriformis</i>
41. <i>Ostertagia circumcincta</i>	41. <i>Ostertagia circumcincta</i>
42. <i>Haemonchus contortus</i>	42. <i>Haemonchus contortus</i>
43. <i>Trichostrongylus colubriformis</i>	43. <i>Trichostrongylus colubriformis</i>
44. <i>Ostertagia circumcincta</i>	44. <i>Ostertagia circumcincta</i>
45. <i>Haemonchus contortus</i>	45. <i>Haemonchus contortus</i>
46. <i>Trichostrongylus colubriformis</i>	46. <i>Trichostrongylus colubriformis</i>
47. <i>Ostertagia circumcincta</i>	47. <i>Ostertagia circumcincta</i>
48. <i>Haemonchus contortus</i>	48. <i>Haemonchus contortus</i>
49. <i>Trichostrongylus colubriformis</i>	49. <i>Trichostrongylus colubriformis</i>
50. <i>Ostertagia circumcincta</i>	50. <i>Ostertagia circumcincta</i>
51. <i>Haemonchus contortus</i>	51. <i>Haemonchus contortus</i>
52. <i>Trichostrongylus colubriformis</i>	52. <i>Trichostrongylus colubriformis</i>
53. <i>Ostertagia circumcincta</i>	53. <i>Ostertagia circumcincta</i>
54. <i>Haemonchus contortus</i>	54. <i>Haemonchus contortus</i>
55. <i>Trichostrongylus colubriformis</i>	55. <i>Trichostrongylus colubriformis</i>
56. <i>Ostertagia circumcincta</i>	56. <i>Ostertagia circumcincta</i>
57. <i>Haemonchus contortus</i>	57. <i>Haemonchus contortus</i>
58. <i>Trichostrongylus colubriformis</i>	58. <i>Trichostrongylus colubriformis</i>
59. <i>Ostertagia circumcincta</i>	59. <i>Ostertagia circumcincta</i>
60. <i>Haemonchus contortus</i>	60. <i>Haemonchus contortus</i>
61. <i>Trichostrongylus colubriformis</i>	61. <i>Trichostrongylus colubriformis</i>
62. <i>Ostertagia circumcincta</i>	62. <i>Ostertagia circumcincta</i>
63. <i>Haemonchus contortus</i>	63. <i>Haemonchus contortus</i>
64. <i>Trichostrongylus colubriformis</i>	64. <i>Trichostrongylus colubriformis</i>
65. <i>Ostertagia circumcincta</i>	65. <i>Ostertagia circumcincta</i>
66. <i>Haemonchus contortus</i>	66. <i>Haemonchus contortus</i>
67. <i>Trichostrongylus colubriformis</i>	67. <i>Trichostrongylus colubriformis</i>
68. <i>Ostertagia circumcincta</i>	68. <i>Ostertagia circumcincta</i>
69. <i>Haemonchus contortus</i>	69. <i>Haemonchus contortus</i>
70. <i>Trichostrongylus colubriformis</i>	70. <i>Trichostrongylus colubriformis</i>
71. <i>Ostertagia circumcincta</i>	71. <i>Ostertagia circumcincta</i>
72. <i>Haemonchus contortus</i>	72. <i>Haemonchus contortus</i>
73. <i>Trichostrongylus colubriformis</i>	73. <i>Trichostrongylus colubriformis</i>
74. <i>Ostertagia circumcincta</i>	74. <i>Ostertagia circumcincta</i>
75. <i>Haemonchus contortus</i>	75. <i>Haemonchus contortus</i>
76. <i>Trichostrongylus colubriformis</i>	76. <i>Trichostrongylus colubriformis</i>
77. <i>Ostertagia circumcincta</i>	77. <i>Ostertagia circumcincta</i>
78. <i>Haemonchus contortus</i>	78. <i>Haemonchus contortus</i>
79. <i>Trichostrongylus colubriformis</i>	79. <i>Trichostrongylus colubriformis</i>
80. <i>Ostertagia circumcincta</i>	80. <i>Ostertagia circumcincta</i>
81. <i>Haemonchus contortus</i>	81. <i>Haemonchus contortus</i>
82. <i>Trichostrongylus colubriformis</i>	82. <i>Trichostrongylus colubriformis</i>
83. <i>Ostertagia circumcincta</i>	83. <i>Ostertagia circumc</i>

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
												A	B B ₁	B ₂ B ₃ B ₄ B ₅ B ₆	B ₇ B ₈ B ₉	B ₁₀ C C ₁ C ₂	C ₂ C ₃ C ₄ D D ₁ E	C ₄ F F ₁ F ₂	C ₄ F ₂ F ₃ F ₄	F ₄

- A *Baccalaureat*—secondary school leaving certificate obtained at the end of three years of upper secondary school (total of 13 years of primary and secondary education); gives access to higher education.
- B *Certificat d'Aptitude Professionnelle des Instituteurs* (Teaching Training Certificate for Instructors)—awarded upon completion of a one-year postsecondary program to train elementary school teachers.
- B₁ *Agén-Technique de la Statistique* (Technical Agent in Statistics)—awarded upon completion of one year of first-cycle studies.
- B₂ *Adjoint-Technique de la Statistique* (Technical Associate in Statistics)—awarded upon completion of two years of study.
- B₃ *Diplôme universitaire de technologie* (university diploma of technology)—awarded upon completion of two years of first-cycle study at *Institut National Supérieur de l'Enseignement Technique*.
- B₄ *Diplôme de technicien* (technician's diploma)—awarded upon completion of two years of first-cycle study.
- B₅ *Diplôme, certificat*—awarded upon completion of two-year programs at the *Ecole Nationale d'Administration*.
- B₆ *Diplôme d'Etudes Universitaires Générales (DEUG)* (Diploma of University General Studies), *Diplôme d'Universitaire d'Etudes Scientifiques (DUES)* (Diploma of University Scientific Studies), *Diplôme Universitaire d'Etudes Littéraires (DUEL)* (Diploma of University Literary Studies)—awarded upon completion of two years of first-cycle university studies.
- B₇ *Certificat d'Aptitude Pédagogique pour les Collèges d'Enseignement Général (CAP/ CED)* (Teacher Training Certificate for Colleges of General Education)—awarded upon completion of three years of study. Prepares student for lower secondary teaching.
- B₈ *Licence, Licence es Lettres*—awarded upon completion of one year of second-cycle university studies beyond the *DEUG*, *DUES*, or *DUEL*.
- B₉ *Diplôme d'Agronomie Générale* (Diploma of General Agriculture)—awarded upon completion of three years of study at the *Ecole Nationale Supérieure Agronomique*.
- B₁₀ *Certificat d'Aptitude pédagogique à l'Enseignement Secondaire (CAPES)* (Teacher Training Certificate for Secondary Education)—awarded upon completion of a four-year university program to qualify for upper secondary school teaching.
- C *Maîtrise*—awarded upon completion of one year of second-cycle university studies following the *licence* (total of four years); gives access to third-cycle (graduate) studies.
- C₁ *Ingenieur des Travaux Statistiques* (Engineer of Applied Statistics)—awarded upon completion of a four-year program at the *Ecole Nationale Supérieure de Statistique et d'Economie Appliquée*.
- C₂ *Diplôme d'Ingenieur* (Engineer Diploma)—awarded upon completion of four to five years of engineering education at *Ecole Nationale Supérieure des Travaux Publics*.

- ## Grading System

Grading practices are severe.

- Holders of the *maitrise* or *diplome* awarded for four years of study at a post-secondary institution may be considered for graduate admission.
- Third-cycle credentials represent graduate-level work.

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- ### Grading System

Bachelor's degree awarded in the following categories:

Advice for Admissions Officers

- _____

Primary						Secondary							Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												A	A ₁	B	B ₂	C				E	E ₁
														B ₁			C ₁	D			

- A Upper Secondary (Senior High) School Diploma—awarded upon completion of three years of upper secondary (senior high) education.
Upper Secondary School Diploma (comprehensive)—general (academic) studies.
Upper Secondary School Diploma (vocational)—vocational studies.
- A₁ Upper Secondary School Diploma (part-time evening)—roughly comparable to full-time comprehensive school program; four years in length.
- B Technical college diploma—awarded upon completion of a unified five-year program of technical education (three years of upper secondary-level work and two years of college-level work).
- B₁ Junior college certificate—awarded upon completion of two years of study beyond the upper secondary level.
- B₂ Junior college certificate—awarded upon completion of three years of study beyond the upper secondary level.
- C *Gakushi* (bachelor's degree)—first university degree awarded upon completion of four years of full-time tertiary study.
- C₁ Bachelor of Dentistry/Medicine—first university degree, awarded upon completion of six years of full-time tertiary study.
- D *Shushi* (master's degree)—second university degree, awarded upon completion of two or more years of full-time study plus a thesis.
- E *Hakushi* (doctoral degree)—third university degree, awarded upon completion of three or more years of study beyond the master's degree plus a dissertation.
- E₁ Doctor of Dentistry/Medicine—second university degree, awarded upon completion of four or more years of study beyond the Bachelor of Dentistry/Medicine plus a dissertation.

Grading System

Junior colleges and universities are free to use any grading system they choose. The predominant grading system is a four-part scale: *Yu, Ryo, Ka, Fuka*. Grades are usually reported on English language translations of transcripts as A, B, C, F (failing). A few universities use number grades (0–100) only. The grade F is seldom given and almost never reported. Withdrawals and repeated courses are also almost never reported.

The most common grading system is as follows:

<i>Yu</i>	A	80–100
<i>Ryo</i>	B	70– 79
<i>Ka</i>	C	60– 69
<i>Fuka</i>	F	59 and below

The grade A is generally 80–100; however, the other grade ranges vary greatly among universities and among faculties or schools within the same university. The cutoff for passing grades may be as low as 40.

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional school degree programs.

Additional Sources of Information

Anderson, Ronald S., *Education in Japan: A Century of Modern Development*. U.S. Department of Health, Education, and Welfare, Office of Education, No. 552789, Government Printing Office, Washington, D.C., 1975.

Wilcox, Lee (ed.), *The Evaluation of Asian Educational Credentials: A Workshop Report*.
NAFSA, Washington, D.C., April, 1966

Primary						Secondary							Tertiary					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A	A ₁		B	B ₆	C	C ₁	D	E
													B ₁			C ₂		
													B ₂			D		
													B ₃					
													B ₄					
													B ₅					

- 115

- D Master's degree (M.A., M.S.)—second university degree, awarded upon completion of one year of tertiary education, including thesis.
- E Doctor of Medicine—first professional degree in medicine, awarded upon completion of seven years of tertiary education.

Grading System

Present grading system individual subject scale	Suggested U.S. equivalencies	Four-year cumulative average
90–100 Excellent	A +	85–100 Excellent
80– 89 Very good	A	76– 84 Very good
70– 79 Good	B	68– 75 Good
60– 69 Acceptable	C	60– 67 Acceptable
50– 59 Poor	D	0– 59 Failure
0– 49 Failure	F	

Individual grading scale:

Symbol	Rating	Honor points
A	Excellent	90–100
B	Very good	80– 89
C	Good	70– 79
D	Satisfactory	60– 69
E	Poor	50– 59
F	Failing	0– 49

Overall cumulative average:

Honor point average	Rating
4.4–5.0	Excellent
3.6–4.3	Very good
2.8–3.5	Good
2.0–2.7	Satisfactory
Below 2.0	Weak

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Additional Sources of Information

The Admission and Academic Placement of Students from Selected Arab Countries: A Workshop Report. NAFSA, Washington, D.C., 1976.

Primary						Secondary Forms V & VI							Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
										A ₁	A ₅	A ₃	A ₅		B	B	B	C	C
										A ₂		A ₄					C		D
										A ₅		A ₅							

- ## Grading System

First Class	70 and above
Second Class (Upper Division)	60-69
Second Class (Lower Division)	50-59
Pass	40-49

- The bachelor's degree is the minimum requirement for admission to graduate and professional school programs.

The Admission and Academic Placement of Students from Selected Sub-Saharan African Countries. A Workshop Report. AACRAO/NAFSA, Washington, D.C., 1973.
A Guide to the Academic Placement of Students in Educational Institutions in the United States. WES, AACRAO, Washington, D.C., 1973.

Korea

Democratic People's Republic of

Primary Secondary												Tertiary				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
												A	B	C	C	C

- A Secondary school leaving certificate—awarded upon completion of 11 years of primary and secondary education.
- B Elementary school teacher training diploma—assumed to be awarded upon completion of three years of postsecondary study at teacher training colleges.
- C Professional title or diploma—awarded upon completion of four to six years of first-cycle university study.
- D Doctor—believed to be awarded, but actual time and requirements are unknown.

Grading System

Not available

Advice for Admissions Officers

- Applicants presenting tertiary-level qualifications representing at least four years of university-level study may be considered for admission to graduate programs in the same or similar fields of study. It might be expected that substantial deficiencies will need to be covered before granting final admission to a degree program.

Educational System

Korea

Republic of

Primary				Secondary									Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
										A			B	B ₅	C		D			F
										A ₁			B ₁				E			
										A ₂			B ₂							
													B ₃							
													B ₄							

- A *Inmungye Kodung Hakkyo* (High School Certificate)—awarded upon completion of three years of academic high school.
- A₁ *Silop Kodung Hakkyo* (Vocational High School Certificate)—awarded upon completion of three years of vocational high school.
- A₂ *Kanho Kodung Kisul Hakkyo* (Nursing Higher Technical School Certificate)—formerly awarded upon completion of three years of secondary nursing education (recently discontinued).

Korea

Republic of

- B *Chogup Taehak* (Junior College Certificate)—awarded upon completion of two years of tertiary study that parallels university study.
- B₁ *Silop Kodung Chonmun Hakkyo* (Junior Technical College Certificate)—awarded upon completion of three years of secondary and two years of tertiary education.
- B₂ *Chonmun Hakkyo* (Junior Vocational College Certificate)—awarded upon completion of two years of tertiary vocational education.
- B₃ *Kyoyuk Taehak* (Junior Teachers Training Certificate)—awarded upon completion of two years of tertiary teacher education.
- B₄ Premedical or predental certificate—awarded upon completion of two years of tertiary premedical or predental education.
- B₅ Nursing school or nursing junior college certificate—awarded upon completion of three years of tertiary nursing education.
- C *Haksa* (bachelor's degree)—awarded upon completion of four years of college or university education.
- D *Soksa* (master's diploma)—awarded upon completion of two years of graduate education.
- E *Ugiwa Taechak* (medical school diploma)—awarded upon completion of four years of medical or dental education.
- F *Pkusa* (doctorate)—awarded upon completion of dissertation and 60 credits beyond master's degree.

Tertiary Awards

All types of formal secondary- and tertiary-level institutions award diplomas (graduate certificates) that are similar in format and design to those issued by comparable U.S. institutions. Nonformal institutions, such as civic schools and technical schools, award only a certificate of attendance upon completion. In Korean, the name of a diploma or certificate is simply the name of the type of institution, e.g., *Inmungye Kodung Hakkyo* (high school), followed by the words *chorup chung*, which means graduation certificate. It is recommended that transcripts and certificates in both Korean and English be requested and carefully compared to assure that the name of the award (certificate) in English reflects the type of Korean institutions authorized to issue the qualification, e.g., master's diploma = *Soksa Chorup chung*.

Grading System

Grading systems and standards vary among Korean institutions and may even vary among departments within the same institution. However, most Korean colleges and universities are now using an A, B, C, D, E, F system where the grade E usually represents failure that can be overcome through reexamination. The grade F represents a failing grade below 50 percent. The grades A, B, C, and D represent levels of achievement similar to those identified by the same grade in the U.S. system.

Advice for Admissions Officers

- Holders of the bachelor's degree may be considered for graduate admission.
- The master's degree is comparable to a U.S. master's degree.
- The Ph.D. degree is comparable to a U.S. earned doctorate.

Additional Sources of Information

Gannon, Philip, *The Republic of Korea*. WES, AACRAO, Washington, D.C., 1985
Gurwitz, Aaron S., *The Republic of Korea*. WES, AACRAO, Washington, D.C., 1975.

Kuwait

1	2	3	4	5	6	7	8	9	10	11	12	13	14	14.5	15	16	16.5	17	18	19	
												A		B	B		C	C ₁	D	D ₁	C ₂

- A *Shahadat al-thanawia*—secondary school leaving certificate awarded after 12 years of primary and secondary education. Awarded under four subtitles: general, technical, commercial, and religious.
- B Two-year postsecondary diploma (diplomas in teacher education, health, commerce, technology)—awarded upon completion of two to two and one-half years of teacher or technical education.
- C Bachelor's degree—first university degree, awarded upon completion of four years of tertiary education. Degrees are normally designated by abbreviation "B" followed by specialization in which obtained: B.A., B.P.Sc., etc.
- C₁ Bachelor's degree (B. of Engineering)—first university degree, awarded upon completion of four and one-half years of tertiary education.
- C₂ Bachelor's degree (B. Medicine)—first university degree, awarded upon completion of seven years of tertiary education.
- D Diploma—one year of study beyond the bachelor's level in education, law, or *Shari'a* (Islamic law).
- D₁ Diploma—two years of study beyond the bachelor's level in education, hydrogeology, accounting, business administration, or applied statistics.
- E Master's degree—second university degree, awarded upon completion of two years of coursework plus a thesis.

Grading Systems

	<u>Score</u>	<u>Points</u>	<u>U.S. equivalent</u>
Distinction	86-100	4	A
Very good	70- 85	3	B
Good	60- 69	2	C
Pass	50- 59	1	D
Fail	0- 49	0	F

Kuwait University

		<u>Grade points</u>
A	Excellent	9
A –	Excellent	8
B +	Very good	7
B	Very good	6
B –	Very good	5
C +	Good	4
C	Good	3
D +	Passing	2
D	Passing	1
F	Failure	0
PC	Passed	Units are counted as ungraded
NP	Not passed	0
I	Incomplete	Must be made up during next semester or grade becomes F

- Applicants with a bachelor's degree from Kuwait University may be considered for graduate admission.
- The master's degree may be considered comparable to a U.S. master's degree.

The Admission and Placement of Students from Selected Arab Countries: A Workshop Report. NAFSA, AACRAO, Washington, D.C., 1976.
Clark, Dean O. and Robert Anton Mertz, *Coastal Countries of the Arab Peninsula.* WES, AACRAO, Washington, D.C., 1974.

Primary						Secondary						Tertiary							
						1st Cycle			2nd Cycle										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
									A		B				C	C ₁			D
									A ₁										
									A ₂										
									A ₃										
									A ₄										

- A *Diplome d'Etudes du Premier Cycle d'Etudes Nationales (DEPCEN)*—awarded at the completion of the first cycle (four years of lower secondary education) to students who wish to leave school or who may continue (given by Lao Ministry of Education).
- A₁ *Brevet d'Etudes du Premier Cycle (BEPC)*—awarded at the completion of the first cycle (four years of lower secondary education) to students going on for further studies (awarded by French Cultural Mission).
- A₂ *Certificat d'aptitude Pédagogique (CAP)*—awarded at the completion of the first cycle (four years of lower secondary teacher education).
- A₃ *Certificat d'aptitude de l'enseignement Technique (CAET)*—awarded at the completion of the first cycle (four years of lower vocational or technical education).
- A₄ *Certificat d'aptitude de l'enseignement professionnelle (CAEP)*—awarded at the completion of the first cycle (four years of lower secondary education).
- B *Baccalauréat II*—awarded at the completion of the second cycle (three years of upper secondary education).
- C *Diploma*—first university degree, awarded upon completion of three years of tertiary study.
- C₁ *Diplome, Diplome de medecine assistant, Diplome de Pharmacien assistant, Diplome de Chirurgien dentiste assistant*—first university degree, awarded upon completion of four years of tertiary study.

D *Doctorat en Medecine*—first professional degree, awarded after seven years of tertiary study.

Laos

Grading System

<u>Mention</u>	<u>Grade</u>	<u>Interpretation</u>
<i>Tres bien avec felicitacion du Jury</i>	18-20	Excellent with congratulations of the Jury
<i>Tres bien</i>	16-17.9	Very good
<i>Bien</i>	14-15.9	Good
<i>Assez bien</i>	12-13.9	Fair/average
<i>Passable</i>	10-11.9	Minimum to pass
	9-10	Automatic right to retake examination. If passed, the student advances; if not, the year is repeated. Jury may pass student to next year without the student having to take a second examination.
	8-9	Automatic right to repeat the year failed or student may retake the examination if the Jury recommends it. If second examination is passed, student advances; if not, the year is repeated.
	0-8	Automatic failure and exclusion from continuing unless the Jury requests that the student repeat.

Advice for Admissions Officers

- A *Diplôme* is the minimum requirement for admission to graduate and professional school degree programs.

Educational System

Primary				Intermediate					Secondary				Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
									A	A ₁	B		B ₁	C	C ₁	C ₃	C ₆	E	F ₁	F ₁
										A ₂			B ₂	C ₁	C ₂	C ₅	D ₂	F		
										A ₃			B ₃	C ₂	C ₃	C ₆	D ₃	F ₁		
										A ₄				C ₃	C ₄	D	F			
										A ₅					D	D ₁				
															D ₁	D ₂				
															D ₂	D ₃				

- A *Baccalaureat Part I*—awarded upon completion of two years of secondary school and the passing of the government examination.
- A₁ *Baccalaureat Part II*—awarded upon completion of three years of secondary school and the passing of the government examination. Holders are eligible to enter university programs if all other requirements are met. The American

Lebanon

Lebanon

University of Beirut (AUB) admits holders to sophomore standing, but students may be required to make up course deficiencies based on additional entrance examinations.

- A₂ *Technical Baccalaureat* (formerly *Technical Baccalaureat Part II*)—awarded upon completion of three years of technical secondary school. Holders are eligible to enter technical institutes or university programs in similar fields of study.
- A₃ *Master of Vocational Trades* (formerly *Professionnelle de Maitrise*)—awarded upon reaching the age of 17 and having completed three years of vocational training at the *Ecole des Arts et Metiers*, Beirut. Does not qualify the holder for university entrance.
- A₄ *Diplome d'Enseignement Primaire* (Teacher Training Certificate)—awarded upon completion of a three-year secondary-level teacher training program. The diploma is not considered equivalent to the *Baccalaureat Part II*. Holders may teach primary school.
- A₅ *Diplome Secondaire Agricole*—awarded upon completion of three years of secondary education in agriculture.
- B Associate in Arts, Science, Nursing (ADN), or Applied Science (including teacher training)—awarded upon completion of two years of specialized university study after the *Baccalaureat Part I*.
- B₁ *Technicien Supérieur*—awarded upon completion of two years of study beyond the *Technical Baccalaureat* at a technical institute.
- B₂ *Diplome d'Etudes Universitaires (Generales, Scientifiques, or Preparatoires)*—awarded upon completion of two years of university study following the *Baccalaureat Part II*.
- B₃ *Diplome Gestion de Technologie*—awarded upon completion of two years of university study following the *Baccalaureat Part II*.
- C *Licence in technical teacher training*—awarded by the *Institut Pedagogique National de l'Enseignement Technique (IPNET)* upon completion of three years of study following the *Baccalaureat Part II*.
- C₁ *Licence (Free Licence)*—awarded upon completion of three or four years of university study following the *Baccalaureat Part II*.
- C₂ Bachelor's degree—awarded upon completion of three to four years of university study beyond the *Baccalaureat Part II*.
- C₃ Normal Diploma—awarded in elementary and secondary teacher education upon completion of 18 semester hours of courses taken in conjunction with or following the bachelor's degree.
- C₄ *Licence d'Enseignement*—awarded upon completion of four years of university study beyond the *Baccalaureat Part II*.
- C₅ *Diplome de Beaux Arts*—awarded upon completion of five years of university study beyond *Baccalaureat Part II*.
- C₆ Bachelor of Engineering, Bachelor of Architecture, *Diplome d'Architecture*—awarded upon completion of five or six years of university study from the *Baccalaureat Part II*.
- D Postgraduate diploma (Arabic, education, Islamic law and studies)—awarded by the Beirut Arab University upon completion of one year of university study beyond the bachelor's degree.
- D₁ *Maitrise*—awarded upon completion of four to five years of university study.
- D₂ Master's degree—awarded upon completion of from one to two years of university study beyond the bachelor's degree.
- D₃ *Diplome d'Etudes Approfondies (DEA)*—awarded upon completion of two years of university study beyond the *licence*.
- E Bachelor of Divinity—awarded upon completion of a total of seven years of tertiary-level study or three years beyond the bachelor's degree.
- F *Diplome d'Etudes Superieures (DES)*, *Superieures Specialisees (DESS)*—awarded upon completion of two years of university study beyond the *maitrise*.
- F₁ Doctorates—awarded upon completion of a total of seven to nine years of university study.

Grading System

Lebanon

Percentages		Suggested U.S. equivalent	
85-100	90-100	Excellent	A
75- 84	80- 89	Very good	B
65- 74	70- 79	Good	C
50- 64	60- 69	Pass	D
30- 49	Below 60	Weak/fail	F
0- 29		Fail	F

Points*			
18-20.0	10	Excellent	A +
16-17.9	9	Tres bien	A
14-15.9	8	Bien	A
12-13.9	7	Assez bien	B
10-11.9	6	Passable	C
7- 9.9**	Below 6	Insuffisant	D
Below 7		Insuffisant	F

*Marks from some universities or faculties may appear as multiples of the 20-point scale. For example, marks may be expressed as 20/40 or 30/60; it may be necessary to divide the totals by either two or three.

**Passing marks in a course; examination may be retaken. An overall average of 10 is generally required to pass the year.

Advice for Admissions Officers

- Holders of the bachelor's degree, the four-year *licence*, the *maitrise*, the *Diplome d'Ingenieur*, the *Diplome de Beaux Arts*, and the *Diplome d'Architecture* may be considered for graduate admission.
- Holders of the *CAPES*, master's degrees, *DEA*, and *DES* may be considered for graduate admission and graduate transfer credit.
- Only those doctoral degrees that represent seven or more years of university study and a thesis may be considered comparable to doctoral degrees in the same fields of study from U.S. institutions.

Additional Sources of Information

Chapman, Eunice, *Lebanon: A Study of the Educational System of Lebanon and Guide to the Academic Placement of Students from Lebanon in Educational Institutions in the U.S.A.* WES, AACRAO, Washington, D.C., 1964.

Griff, Ernest R., *A Guide for the Evaluation of Academic Credentials from Lebanon.* AACRAO Monograph #33. AACRAO, Washington, D.C., 1987.

Griff, Ernest R., "Observations Regarding Lebanese Baccalaureat II", *NAFSA Newsletter*. NAFSA, Vol. 34, No. 1. Washington, D.C., October 1982.

Standards Forms A-E

1	2	3	4	5	6	7	8	9	10	11	12	13	13.5	14	15	16	17	18
									A	A ₁	B	B ₂		B ₃	B ₉	C	C ₂	C ₅
										A ₂	B ₁			B ₄	B ₁₀	C ₁	C ₃	D ₁
										A ₃				B ₅			C ₄	
										A ₄				B ₆			D	
										A ₅				B ₇				
														B ₈				

- A Junior Certificate (JC)—awarded on completion of three years of junior secondary education.
- A₁ Cambridge Overseas School Certificate (COSC)—awarded on completion of two years of senior secondary education.
- A₂ Primary Teachers Certificate (PTC)—awarded after two years of training in a teacher training college.
- A₃ Certificate in Agriculture, Certificate in Domestic Science—awarded after two years of study at Lesotho Agricultural School.
- A₄ Enrolled Nurse Certificate, Health Assistant—awarded after two years of training in a hospital.
- A₅ Technical certificate—awarded at business and technical institutes after two years of training in business, electronics, etc., or three years of training in engineering.
- B Diploma in Education (Primary)—one year of full-time or two years of part-time study beyond PTC or COSC.
- B₁ Certificate in Statistics—one year of university study beyond COSC.
- B₂ Diploma in Pharmaceutics—one and one-half years of university study.
- B₃ Certificate in Primary Education (CPE)—two years of part-time study beyond PTC or COSC.
- B₄ Secondary Teacher's Certificate (STC)—two years of full-time study in a teacher-training college beyond COSC.
- B₅ Diploma in Agriculture—two years of full-time study beyond COSC at Lesotho Agricultural College.
- B₆ Advanced Primary Teacher's Certificate (APTC)—two years of full-time study beyond COSC.
- B₇ Diploma in Theology, Diploma in Statistics, Diploma in Law—two years of full-time university study.
- B₈ Certificate, diploma in business studies—two years of part-time university study.
- B₉ Diploma in Education (Secondary)—one year of full-time study in a teacher-training college beyond STC.
- B₁₀ Diploma in Secondary Education—three-year university program beyond COSC.
- C Bachelor's degree—four-year degree program beyond COSC. Degrees awarded include: B.A., B.Sc., B.Com., B.Ed., B.A. (Ed.), B.Sc. (Ed.), B.A. Law.
- C₁ Certificate in Education—concurrent with general B.A./B.Sc.
- C₂ Bachelor's degree (Hons)—five-year honors bachelor's degree.
- C₃ B.Ed.—one year of full-time or two years of part-time study beyond general B.A./B.Sc. degree.
- C₄ Postgraduate Diploma in Education—one year of full-time study beyond bachelor's degree (undergraduate level education training).
- C₅ B.A., B.Com.—six-year part-time bachelor's degree program beyond COSC.

Lesotho

A	80–100%	Outstanding
B	70– 79%	Very good
C	60– 69%	Good
D	50– 59%	Pass
E	40– 49%	Failure (can be retaken)
F	below 40%	

I	First class	A
II(i)	Second class, first division	B +
II(ii)	Second class, second division	B -
P	Pass	C
F	Failure	

- Holders of a four-year bachelor's degree may be considered for graduate admission if their marks are strong. Although the COSC is taken after grade 12, most Commonwealth countries offer the equivalent exam after grade 11.
- Holders of the Postgraduate Diploma in Education may be considered for graduate admission with no advanced standing.
- Holders of a master's degree may be considered to have the equivalent of a U.S. master's degree.

Directory of African Universities. Association of African Universities, Accra, 1983.
Cranmer, David and Valerie A. Woolston, *Southern Africa*. AACRAO, 1980.

Liberia

Primary						Secondary							Tertiary					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A A ₁		B		B ₁ B ₂	C	C ₁		D

- A Grade C Teachers' Certificate—awarded upon completion of three years of secondary study in education.
- A₁ Senior High School Certificate—awarded upon completion of three years of secondary study and passing the Senior High School National Examination.
- B Grade A Teachers' Certificate—awarded upon completion of two years of tertiary study in education.

Liberia

- B₁ Grade B Teachers' Certificate—awarded upon completion of two years of general tertiary education and a period of supervised in-service training in education.
- B₂ Professional Certificate in Nursing (Registered Nurse)—awarded upon completion of three years of tertiary study in nursing.
- C Bachelor's degree (B.A., B.Sc.)—first university degree, awarded upon completion of four years of tertiary study.
- C₁ Bachelor of Laws (LL.B.)—first university degree, awarded upon completion of two years of general tertiary study and three years of specialized tertiary study in law.
- D Doctor of Medicine (M.D.)—first university degree, awarded upon completion of three years of general tertiary study and four years of specialized tertiary study in medicine.

Grading System

University of Liberia			Cuttington College	
A	4.0	90–100	A	3.0
B	3.0	80– 89	B	2.0
C	2.0	70– 79	C	1.0
D	1.0	60– 69	D	0.0
F	0.0	Below 60	E	–1.0

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional programs.

Additional Sources of Information

The Admission and Placement of Students from Selected Sub-Saharan African Countries. A Workshop Report. The Joint Committee on Workshops of NAFSA and AACRAO, Washington, D.C., 1974.

Libya

Educational System

Primary			Preparatory		Secondary			Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
												A		B	C	C	D
												A ₁					

- A General Secondary School Certificate—awarded upon completion of six years of primary school, three years of general preparatory school, three years of general academic secondary school (literary or scientific line), and successful completion of an examination.
- A₁ Certificates from secondary-level vocational, technical, and teacher training institutes—awarded upon completion of six years of primary school, preparatory school (three years of general preparatory or three to four years of

vocational preparatory), and two to four years of secondary-level vocational, technical, or teacher training education.

- B Bachelor of Technology degree or bachelor's degree—awarded upon completion of three years of study at a higher institute of technology.
- C *Licence en Droit* and bachelor's degree (B.A., B.S., B.Dent., B.Med., B.Pharm., B.Vet.Sc.)—awarded upon completion of four to five years of full-time university study.
- D Master's degree (M.A., M.Sc.)—awarded upon completion of two years of university study beyond the bachelor's degree.

Grading System

85–100	Excellent
75– 84	Very good
65– 74	Good
50– 64	Pass
35– 49	Weak
0– 34	Very weak

The Faculty of Law uses the French system of grading as follows:

<i>Tres bien</i>	Very good
<i>Bien</i>	Good
<i>Assez bien</i>	Fair
<i>Passe</i>	Pass

Advice for Admissions Officers

- Bachelor's degrees from higher institutes of technology are not considered admissible for graduate study because of the technical nature of the curricula.
- Holders of the *Licence en Droit* and bachelor's degrees of four and/or five years' duration from universities can be considered for graduate admission.
- Master's degrees from universities can be considered for graduate admission with possible graduate transfer credit.

Additional Sources of Information

- AMIDEAST (AFME) *Country Report, Libya*. AFME, Washington, D.C., 1983.
- AMIDEAST (AFME) *Education in the Middle East*. AFME, Washington, D.C., 1983.
- AMIDEAST (AFME) *Institutional Reports*. AFME, Washington, D.C., 1976–77.
- Bugliarello, G., and M. Alikhan Malik, "Engineering Education in Libya," *Engineering Education*. January, 1982, pp. 306–309.
- Husen, Torsten, and T. Neville Postlethwaite (eds.), *International Encyclopedia of Education*. 1st ed., Vol. 5. Research and Studies, Pergamon Press, Oxford, 1985.

Malawi

Educational System

Primary (Standards)										Secondary (Forms)									

Primary						Lower Secondary				Upper Secondary*				Tertiary										
Standards						Forms				Forms														
						I	II	III					VI	VI										
						IV	V																	
1	2	3	4	5	6	7	8	9	10	11	12	13	13.5	14	15	16	17	18	18.5	19	20	21	22	23
								A		A ₁	A ₃	A ₃	B ₃	B ₁	B ₃	C	C	C	C ₂	C ₃	C ₄	D		F
										A ₂	B	B	B ₄	B ₃	B ₇	C ₁	D	C ₂		C ₄	D			
											B ₁	B ₁		B ₄	B ₈	D	D ₁	C ₃		D	E			
												B ₂		B ₆	B ₉	D ₁	E	C ₄		E				
												B ₄		B ₇	C									
												B ₅												

- A *Sijil Rendah Pelajaran (SRP)* (Lower Certificate of Education [LCE])—external examination given during October of the ninth year of school (Form III), prepared and administered by the Malaysia Examination Syndicate (MES).
- A₁ *Sijil Pelajaran Malaysia (SPM)* (Malaysia Certificate of Education [MCE])—external examination given during November of the 11th year of school (Form V). The exam is prepared and administered by the MES and considered equivalent to the GCE-Ordinary level examination if grades range from one to six.
- A₂ *Sijil Pelajaran Vokesynal Malaysia (SPVM)* (Malaysian Certificate of Vocational Education [MCVE])—external examination taken by candidates who have completed a two-year program of upper secondary vocational education. (The SPVM full certificate is prepared and administered by the MES and is recognized as equivalent to the SPM/MCE for purposes of employment and entry into some polytechnic and teacher training programs.)
- A₃ *Sijil Matrikulasi* (Matriculation Certificate) requiring the SPM for entrance—exam taken after a one- or two-year course by various universities in Malaysia. Students who pass the matriculation exam do not sit for the STPM but go directly to the first year of a degree program in the sponsoring university. Primarily for *Bumiputra* (native Malay) students.
- B *Institut Teknologi MARA (ITM)* Diploma requiring the SPM for entrance—awarded after one or two years of study. Considered primarily a vocational qualification.
- B₁ University Certificate requiring SPM for entrance—awarded after one to three years of study. Shows proficiency in a subject.
- B₂ *Sijil Tinggi Persekolahan Malaysia (STPM)* (Malaysian Higher School Certificate) formerly called *Sijil Tinggi Persekolahan (STP)*. Preceded by and patterned after the Cambridge Higher School Certificate. It requires the SPM for entrance—external examination prepared by the Malaysian Examination Council (MEC) in cooperation with the University of Cambridge Local Examinations Syndicate. Given during December of the 13th year of school (Upper Form VI), it is a preuniversity academic certification and selection examination considered to be equivalent to the GCE Advanced-level examinations.
- B₃ ITM diploma requiring the SPM for entrance—awarded after two and one-half to four years of study.
- B₄ *Sijil Guru* (Teacher Training Certificate) requiring the SPM for entrance—until 1982, awarded after two years of full-time or three years of part-time study at a government teacher training center. From 1981 to 1984, awarded after three

Malaysia

years. From 1986, awarded after two and one-half years. (Curriculum is the same regardless of length of program.)

- B₅ Polytechnic Certificate requiring the *SPM* or *SPVM* for entrance—awarded after 27 months of study at one of seven polytechnics. Usually a terminal program but some of the better students gain entry to diploma programs.
- B₆ Technical diploma or diploma from a technical institute requiring the *SPM* or *SPVM* for entrance—awarded after three or more years of study. May be considered postsecondary vocational training.
- B₇ *Sijil Guru* — (Specialist Teacher Training Certificate) requiring the Teacher Training Certificate plus a minimum of five years of active teaching experience—awarded after one year of full-time study at the Specialist Teachers Training Institute.
- B₈ University Advanced Certificate requiring a three-year University Certificate for entrance—awarded after one year of study. Shows proficiency in a subject. Courses may contain undergraduate-level content to be determined by review of the syllabus.
- B₉ *ITM* advanced diploma requiring the *SPM* for entrance—four-year postsecondary-level diploma.
- C *Sarjana muda* or bachelor (bachelor's degree) requiring the *STPM*, *Sijil Matrikulasi* or appropriate diploma for entrance (*Universiti Teknologi Malaysia* requires only the *SPM* for entrance to its programs and offers a five-year bachelor's degree)—first university degree, awarded after three or more years of study. Universities are currently required to offer at least four-year bachelor's degrees but records will be seen from the past on which degrees have been given in three years and on which exemptions are given in even less than three years.
- C₁ *ITM* diplomas requiring the *STPM* for entrance—three-year postsecondary-level diplomas.
- C₂ *ITM* advanced diploma requiring the three-year *ITM* diploma for entrance—awarded after two to two and one-half years of full-time study.
- C₃ Diploma in education requiring the bachelor's degree for entrance—university postgraduate diploma earned after one year of study; comparable to U.S. teacher certification/methodology coursework.
- C₄ Certificate, diploma/postgraduate diploma requiring a bachelor's degree for entrance—postgraduate credential earned after one or two years of study. Not considered equivalent to U.S. master's degree.
- D *Sarjana* (master's degree)—second university degree usually earned after one to four years of postgraduate study.
- E M.B.B.S. (Bachelor of Medicine and Bachelor of Surgery) Degree, D.V.M. (Doctor of Veterinary Medicine) or, M.D. (Doctor of Medicine) requiring the *STPM* or *Sijil Matrikulasi* for entrance—first university professional medical degree, awarded after five years of study (six years at *Universiti Kebangsaan*).
- F *Doktor Falsafah* (Ph.D.)—third university degree, awarded after two to five years, usually by thesis (see individual university requirements).

*Higher Secondary Lower and Upper Form VI applies to preparation for the *STPM* (see B₂), but study for university matriculation examinations (A₃), teacher training (B₃), and vocational training (B₄) are also offered during the 12th and 13th years.

Grading System

Grading scales and patterns vary by university, by faculty within a university, and by level of study. The classification of the degree earned at universities in Malaysia is the most important quality factor. While letter grades (A, B, C, D, E, F) are given at the end of each course taken (semester or year in length), degrees are awarded with a classification and the level of pass implies the quality of the student's records. The merit classification for both general and honours degrees is

as follows: first class, second class (upper division), second class (lower division), and third class. Some universities use "pass" as the lowest classification and at least one university uses both.

A sample breakdown of marks to grades follows; however, the percent represented by a letter grade varies from university to university and from faculty to faculty.

<u>Marks</u>	<u>Malaysian grades</u>	<u>Meaning</u>
70 & above	A	Pass with distinction
60-69	B	Pass with high credit
50-59	C	Pass with credit
40-49	D	Pass
Below 40	F	Fail

Advice for Admissions Officers

- Holders of the *sarjana muda* or *bachelor*/bachelor's degree with a designation of "Pass" or "General" for a program requiring up to three years of study may be considered for graduate admission where preparation is considered appropriate. Those with an "Honours" designation or a "General" designation for a program requiring four to six years of study may be considered for graduate admission.
- Holders of the *ITM* Advanced Diploma in Business Administration (representing five years of study) may be considered for graduate admission with possible undergraduate deficiencies.
- The Diploma in Education and the postgraduate diploma (following a bachelor's degree) may yield graduate transfer credit.
- The *sarjana* or master's degree may be considered comparable to a master's degree from a U.S. institution.
- The *Doktor Falsafah*/Doctor of Philosophy may be considered to represent a level of achievement beyond the U.S. master's degree; it may approach and is sometimes comparable to a U.S. doctoral degree.

Additional Sources of Information

The Admission and Placement of Students from Hong Kong, Malaysia, Philippines, Singapore. Report of a Workshop. NAFSA and AACRAO, Washington, D.C., 1980.

Andaya, Barbara Watson, and Leonard Y. Andaya, *A History of Malaysia*. St. Martin's Press, New York, 1982.

"National System of Education in Malaysia." Malaysia Ministry of Education, Kuala Lumpur, 1979, (Typewritten Draft).

Stedman, Joann, *Malaysia: A Study of the Educational System of Malaysia and a Guide to the Academic Placement of Students in Educational Institutions in the United States*. WES, AACRAO, 1986.

Fundamental Secondary

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
											A	A ₂			C	D		E
											A ₁	A ₃			C ₁			F
											A ₂	A ₄			C ₂			G
												A ₅			C ₃			
												A ₆			C ₄			
												A ₇						
												B						

- A *Baccalaureat malien (BAC)*—awarded upon completion of three years of secondary education (academic with scientific and literary sections).
- A₁ *Baccalaureat technique (Bac-T)*—awarded upon completion of three years of scientific and technical secondary education.
- A₂ *Ecole Secondaire de la Sante (ESS)*—awards a diploma upon completion of three years of vocational training in Health Education.
- A₃ *Ecole Normale Secondaire (ENSEC)*—awards a diploma in teaching upon completion of a four-year teacher training program.
- A₄ *Ecole Normale d'Enseignement Technique Feminin (ENETF)*—awards a diploma in teaching upon completion of a four-year teacher training program.
- A₅ *Institut National des Arts (INA)*—awards a diploma in teaching upon completion of a four-year teacher training program.
- A₆ *Ecole Centrale d'Industrie de Commerce et d'Administration (ECICA)*—awards a diploma upon completion of a four-year vocational education program.
- A₇ *Institut Polytechnique Rural Technique (IPRT)*—awards a diploma upon completion of a four-year vocational education program.
- B *Certificat d'Aptitudes a la gestion des entreprises (CAGE)*—awarded upon completion of 15 months of study at *Institut de Productivite et de Gestion Previsionnelle*.
- C *Diplome de l'Ecole Normale Superieure (ENS)*—awarded upon completion of a four-year postsecondary teacher training program at *L'Ecole Normale Superieure*.
- C₁ *Diplome de l'Ecole Nationale d'Administration (ENA)*—awarded upon completion of a four-year postsecondary program in administration.
- C₂ *Diplome d'Ingenieur des Sciences appliquees (DI)*—awarded upon completion of a four-year postsecondary program in engineering at the *Ecole Nationale d'Ingenieur*.
- C₃ *Diplome de Professeur de l'Enseignement technique (DPET)*—awarded upon completion of a four-year teacher training program in technical education.
- C₄ *Diplome de Technicien superieur (DTS), Diplome d'ingenieur de Sciences appliquees (DISA)*—awarded upon completion of a four-year postsecondary program in advanced technology or in applied sciences in rural and agricultural engineering, both at the *Institut Polytechnique Rural*.
- D *Diplome de Docteur en Medecine, Pharmacien*—awarded upon completion of a five and one-half year postsecondary program at the *Ecole Nationale de Medecine de Pharmacie du Point G*.
- E *Diplome d'Etudes Approfondies (DEA) and Doctorat du 3eme cycle ou de specialite (DS)*—awarded upon completion of a three-year program at the *Centre Pedagogique Superieur*.

- ### Grading System

Excellent	15-19	<i>Tres bien (rarely given)</i>
Very good	13-14	<i>Bien</i>
Good	11-12	<i>Assez bien</i>
Pass mark	10	<i>Passable</i>

NOTE: Because of the importance given to practical training even in postsecondary institutions in Mali, graduates may have highly specialized preparation.

A *Brevet d'études du premier cycle*—awarded upon completion of ten years of schooling.
A₁ *Baccalaureat*—awarded upon completion of 13 years of schooling.
B *Diplome*—awarded after completion of five years of postbaccalaureate study.

	<u>Suggested U.S. equivalent</u>
14-20	A
12-13	B
10-11	C
9	D
0- 8	F

Mauritania

Advice for Admissions Officers

- Applicants with a *diplome* conferred after five years of postbaccalaureate study may be considered for graduate admission. Programs at this level are just being developed in Mauritania; previously students had to study outside the country at the university-level.

Additional Sources of Information

Trudeau, Edouard, *Selected French Speaking Sub-Saharan African Countries*, WES, 1975.

Mauritius

Educational System

Primary								Secondary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Forms I-V											
										A	A ₁	A ₁	A ₄	B	C	C ₁	D	E
											A ₂	A ₃		B ₁				
												A ₅		B ₂				
												A ₆						
												A ₇						

- A General Certificates of Education, Ordinary level—awarded upon passing at least five subjects; required for admission to postsecondary programs.
- A₁ Certificates—awarded upon completion of one to two years of part-time university-level study and vocational training beyond the school certificate.
- A₂ Diploma—awarded upon completion of one year of full-time study beyond GCE "O" levels (or equivalent) in public administration and management.
- A₃ Teacher certificate—awarded upon completion of a two-year full-time program 1974 and before.
- A₄ Teacher certificate—awarded upon completion of one year of full-time study plus two years of probationary service as a teacher after 1975.
- A₅ General Certificate of Education, Advanced level—awarded upon passing one or more subjects beyond the Ordinary level; passes in two subjects required for admission to university programs. This is normally a two-year program after GCE "O" levels.
- A₆ *Diplome superieur en administration des entreprises, Diplome de perfectionnement en administration des entreprises*—awarded upon completion of two years of part-time study beyond GCE "O" levels.
- A₇ Diploma—awarded upon completion of two years of part-time or two years of full-time study beyond GCE "O" levels.
- B Diploma—awarded upon completion of three years of full-time or part-time study beyond GCE "O" levels.
- B₁ Diploma in Technology—awarded upon completion of three years of full-time study beyond GCE "O" levels or equivalent in marine engineering. Requires a Board of Trade examination.
- B₂ Diploma—awarded upon completion of four years of part-time study beyond the GCE "O" levels or equivalent in medical lab technology.
- C B.A. Honours, B.Sc. Honours—awarded upon completion of three years of full-time university-level study beyond the GCE "A" levels or equivalent.

Mexico

combining a university preparatory program with a specialization in preschool or primary teaching.

- B Completion of an undergraduate *carrera corta* (short major) or *salida lateral* (lateral exit) program and award of an "intermediate degree" such as *tecnico* (technician)—represents two years of university study beyond the completion of a *bachillerato* or *preparatoria* program.
- C *Licenciatura*—first professional university degree, awarded upon completion of less than four years of tertiary study.
- C₁ *Licenciatura*—first professional university degree, awarded upon completion of four or more years of tertiary study.
- D *Especializacion* (specialization), *especialista* (specialist)—second university degree, represents one semester to four years of specialized education beyond the *licenciatura* degree. Programs over one year in duration are generally in the field of medicine.
- E *Maestria*—second university degree represents one to two years of full-time graduate study beyond the *licenciatura* degree. Includes a thesis.
- F *Doctorado*—third university degree, usually represents two years of full-time graduate study beyond the *licenciatura*. Includes a thesis.

Grading System

Scale of 1–10 or 1–100 with 7* (or 70) as the lowest passing grade and *Muy bien* (Very good) as the highest descriptive grade equivalent:

Numerical grades		Descriptive grade equivalent	Approximate U.S. equivalent	
9–10	(90–100)	<i>Muy bien/MB</i>	Very good	A
8– 8.9	(80– 89)	<i>Bien/B</i>	Good	B
7– 7.9	(70– 79)	<i>Suficiente/S regular/R</i>	Sufficient or average	C
6	(60)	<i>**No acreditada/NA</i>	Not passing	F

*Other terms used include:

<i>Reprobado/R</i>	Failing
<i>No suficiente/NS</i>	Not sufficient
<i>Deficiente/D</i>	Deficient

**In some grading scales 6 (or 60) is the lowest passing grade, 7 is a C+, and 6 is a C.

Advice for Admissions Officers

- Holders of a *licenciatura* degree of at least four years' duration may be considered for graduate admission. In many cases, the *licenciatura* will be awarded as *titulo de*——(professional title).
- Holders of a *licenciatura* degree of less than four years in duration may be considered for graduate admission if a review of the program indicates adequate preparation for the proposed field of study.
- Holders of certification of *egresado pasante* status who have completed all the coursework in the *licenciatura* program may be considered for undergraduate admission with transfer credit to be determined through a course-by-course analysis. Note that *egresado pasante* status refers to a student who has completed all or part of the coursework but not the thesis and/or social service requirements necessary for the award of the *licenciatura* degree.
- Holders of the *maestro* or *profesor* degree from an *escuela normal superior* (higher normal school) may be considered for graduate admission. Note that the

- Holders of the *especialista* degree may be considered for graduate admission with graduate transfer credit to be determined through a course-by-course analysis.
- Holders of the *maestría* degree may be considered to have a degree comparable to a U.S. master's degree.
- Holders of the *doctorado* degree may be considered to have a degree that represents a level of training beyond the master's degree; it may approach and is sometimes comparable to a U.S. doctoral degree.

Villa, Kitty Maker, Mexico. *A Study of the Educational System of Mexico and a Guide to the Academic Placement of Students in Educational Systems of the United States*. WES, 1982

- A *Baccalaureat* (four sections: literary, economics, mathematics, natural sciences) (Secondary School Second- Cycle)—awarded upon completion of seven years of secondary education.
- B *Certificat universitaire d'études en droit* (CUED), *Certificat universitaire d'études économique* (CUEE), *Certificat universitaire d'études littéraires* (CUEL), *Certificat universitaire d'études scientifiques* (CUES) (Certificate of university studies)—awarded upon completion of two years of university first-cycle studies.
- B₁ *Capacité de droit*—awarded upon completion of two years of university first-cycle studies in law to students who do not have the *baccalaureat*.
- C *Licence*—awarded upon completion of four years of study.
- C₁ *Diplôme d'Ingenieur d'Etat* (engineer degree)—awarded upon completion of five years of study in engineering.
- C₂ *Diplôme de l'École normale supérieure* (diploma for teaching upper secondary education)—awarded upon completion of a one-year program beyond the *licence*.
- D *Diplôme d'Études Supérieures* (DES)—awarded upon completion of two years of study beyond the *licence* plus a thesis (three years in law).
- E *Doctorat de Médecine*—awarded upon completion of seven years of medical education.
- F *Doctorat d'Etat*—awarded upon completion of three or more years beyond the DES.

Morocco

Grading System

Excellent	18–20
Very good	16–17
Good	14–15
Pass	12–13
Fail	10–11

Advice for Admissions Officers

- Holders of the *licence* or *Diplome d'Ingenieur* may be considered for graduate admission.
- Holders of the *DES* may be considered for graduate admission and graduate transfer credit.

Additional Sources of Information

Schmida, Leslie C., (ed.), *Education in the Middle East*. AMIDEAST, Washington, D.C., 1983.

Mozambique

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
											A		B	B		C D

- A *Certificado de Habilitações Literárias, Ensino Secundário Geral, Ensino de Professores Para o Ensino Primário, Curso de Marinha Mercante, Ensino Secundário Geral de Adultos* (Secondary school leaving certificate)—entrance to the university requires the secondary school certificate, holders of which may sit for the university entrance examination.
- B *Bacharelato*—first stage of higher education, awarded after completion of three years of study, except in the case of the *bacharelato* in law, which is awarded after completion of two years of study.
- C *Licenciatura*—second stage of higher education, awarded after two years of study beyond the *bacharelato*.
- D *Licenciatura* in veterinary medicine—awarded after five years of study.

Grading System

Not available

Advice for Admissions Officers

Applicants holding the *licenciatura* may be considered for graduate admission. The *bacharelato* is considered insufficient preparation for graduate study.

Nepal

- A Higher Secondary Certificate—awarded upon completion of ten years of education consisting of three years of primary education, four years of lower secondary education, and three years of higher secondary education. Prior to 1971, primary and secondary education consisted of 11 total years of schooling.
- A₁ Intermediate Examination Certificate—awarded after two years of study beyond the Higher Secondary Certificate. (Referred to as the “Certificate” between 1973 and 1980.)
- A₂ Intermediate Examination Certificate—awarded after three years of study beyond the Higher Secondary Certificate. (Referred to as the “Certificate” between 1973 and 1980.)
- B Bachelor’s degree—first university degree, awarded after 14 years of education and upon passing qualifying examinations. Offered in education, humanities, law (up to circa 1980), social science, commerce and business administration, science, and animal husbandry. (From 1973 to 1980, bachelor’s degrees were referred to as “Diplomas.”)
- B₁ Bachelor’s degree—awarded after 15 years of education and upon passing qualifying examinations. Offered in engineering and law (circa 1981), and in education for holders of bachelor’s degrees in another field. (From 1973 to 1980, bachelor’s degrees were referred to as “Diplomas.”)
- B₂ Bachelor of Medical Studies—awarded after six and one-half years of study beyond the Higher Secondary Certificate.
- C Master’s degree—awarded in arts, commerce and business administration, science, animal husbandry, engineering, and medicine. Second university degree, awarded after two years of study and upon passing qualifying examinations. (Between 1973 and 1979 the master’s degree required one year of work in the National Development Service. From 1973 to 1980, master’s degrees were referred to as “Degrees.”)
- D Medical Doctor—awarded after eight and one-half years of study beyond the Higher Secondary Certificate.
- D₁ Doctor of Philosophy—awarded on the basis of research and thesis in a limited number of fields.

Tribhuvan Vishwavidyalaya (Tribhuvan University) maintains sole right to award degrees in Nepal. There are 71 associated campuses.

61:1

Distinction 89

Clustering Distinction 6

*no specified time

the training of preprimary teachers, but the phasing out of this program began with the 1983-84 academic year and should have been completed by 1987.)

- B₂ *Kandidaatsexamen* (in programs begun prior to the 1982-83 academic year)—not a degree, issued on the basis of qualifying examinations taken after a minimum of two to four years of university study.
- B₃ *Hoger beroepsopleiding* (HBO) (also basis for title of *Ingenieur/Ing.* in technical fields, and *Akten van Bekwaamheid* [teaching certificate])—awarded on the basis of two to five (most often three or four) years of higher vocational education. The minimum admission requirement is usually the *HAVO*, although many students enter with *MBO* and *VWO*. This sector presently encompasses all teacher training except for instructors in *VWO* and *HBO* and university programs, who generally have university degrees.
- C *Baccalaureus*—rare, first university degree formerly awarded on the basis of at least three and one-half to four years of study by a few Dutch universities in technical fields (the University of Amsterdam and the Catholic University, Tilburg prior to 1972; Twitt University of Technology until 1985).
- C₁ *Doctorandus/Drs* (in most fields), *Ingenieur/Ir* (in engineering and technology), *Meester/Mr* (in law)—first university degree or titles awarded on the basis of a minimum of four (formerly, five to seven) years of study. Students completing programs begun prior to the 1982-83 academic year may still follow the former longer programs. The pre-1982 programs had no enrollment time limit and few students completed their degrees in the minimum time possible. Completion times of nine years or more were common. The post-1982 format allows for a maximum enrollment period of six years in a given program.
- D *Arts* (physician), *tandarts* (dentist), *apotheker* (pharmacist), *dierenarts* (veterinarian), *registeraccountant* (accountant)—professional titles generally awarded on the basis of two years of clinical (or professional) training and the passing of state (or state-regulated) examinations following the *doctorandus*.
- E *Doctor/Dr*—highest university degree or title awarded on the basis of research and the successful defense of a dissertation, usually no less than three years after completion of the first degree.

Grading System

Numerical grade		Descriptive grade equivalent	Suggested U.S. equivalent
10	<i>Uitmuntend</i>	Excellent	A +
9	<i>Zeer goed</i>	Very good	A
8	<i>Goed</i>	Good	A -
7	<i>Ruim voldoende</i>	Ample sufficient	B
6	<i>Voldoende</i>	Sufficient	C
5	<i>Bijna voldoende</i>	Almost sufficient	D
4	<i>Onvoldoende</i>	Insufficient	F
3	<i>Gering</i>	Low	F
2	<i>Slecht</i>	Bad	F
1	<i>Zeer slecht</i>	Very bad	F

Advice for Admissions Officers

- Students presenting the *kandidaatsexamen* representing completion of a program of studies with a standard length of less than four years may be considered for undergraduate admission with transfer credit determined through a course-by-course analysis.
- Students presenting the *kandidaatsexamen* representing completion of a program of studies with a standard length of less than four years (although this does

New Zealand

- A₇ Higher School Certificate—awarded after passing internal examinations at the end of Form VII.
- B Bachelor's degree—first university degree, awarded upon completion of three years of tertiary study.
- B₁ Bachelor's degree, e.g., B.Pharm., LL.B., B.S.W., B.D.S., B.V.Sc., M.B.B.S.—first university degree, awarded upon completion of four years of tertiary study in *some* fields.
- B₂ Bachelor's degree (honours)—first or second university degree, usually awarded one year beyond an ordinary degree.
- B₃ Professional degree, e.g., B.Arch., LL.B., M.Com., M.Agr. Sci., LL.M., M.Pharm.—first university degree, awarded upon completion of five years of tertiary study in *some* fields.
- B₄ Professional degree, e.g., M.Arch., M.S.W.—first university degree, awarded upon completion of six years of tertiary study in *some* fields.
- C Master's degree—second university degree, awarded for study one year beyond an ordinary bachelor's degree in *some* fields. Others require one year beyond honours bachelor's and two years beyond ordinary degree. May be earned by class work, research, or a combination of both. Comprehensive examinations are required in *some* fields.
- D Doctoral degree—third or fourth university degree, awarded after a *minimum* of two years of study beyond an honours degree. Awarded for research and approved thesis.
- D₁ Higher doctoral degree—awarded after a minimum of five to eight years of study beyond first degree. Based on research and published works. May be earned degree at one university and honorary degree at another.

Notes concerning time required for completion of tertiary degrees

There are seven tertiary-level institutions: the University of Auckland, the University of Canterbury, Lincoln College*, Massey University, the University of Otago, Victoria University of Wellington, and the University of Waikato.

Degrees may vary from one university to another in length of time required. For example, the ordinary degree of Bachelor of Agriculture requires three years of study at one university and four years at another; the Bachelor of Biological Science is a three-year degree at one institution and a five-year degree at another. Most degrees are offered as both ordinary and honours degrees. The honours degree may or may not require an additional year of study.

The degree structure also varies from university to university. Some institutions use papers and credits, one has units, another courses. It is recommended that the *Commonwealth Universities Yearbook* be consulted for specific degree requirements.

Teacher training is given in eight teachers' colleges. Six of these train teachers for primary schools, one trains secondary teachers, and one combines primary and secondary teacher training. Primary teachers complete a three-year course for which the entry level is the University Entrance Examination Certificate or the Sixth Form Certificate. Secondary teachers may attend a one-year course after earning a degree.

* Degrees earned at Lincoln College are awarded by the University of Canterbury.

Grading System

Each university has developed its own marking system which is usually on the transcript. Sample common scales are:

Honours degrees are awarded in the following classifications:

Advice for Admissions Officers

- ### Additional Sources of Information

A Enfermero tecnico medio or enfermero basico, Diploma de conclusion de estudios del ciclo diversificado, or bachiller en _____ —awarded upon completion of 11 years of study.

- A₁ *Bachiller tecnico*, **Tecnico medio*, *Maestro de educacion primaria*—awarded upon completion of 12 years of study.
- B **(University) Tecnico en _____*, *Certificado de profesionalizacion*—awarded upon completion of two and one-half years of tertiary study.
- B₁ *Profesor de educacion tecnica*, **Tecnico en _____* —awarded upon completion of two and one-half years of tertiary study.
- B₂ *Agronomo*, *Enfermero profesional*—awarded upon completion of three years of tertiary study.
- C *Licenciado en _____* —awarded upon completion of four to five years of tertiary study.
- C₁ *Diploma de _____ curso de postgrado*—awarded upon completion of one-half year of study beyond the *licenciado*.
- C₂ *Ingeniero _____*, *Arquitecto*, *Cirujano dentista*—awarded upon completion of five years of tertiary study.
- C₃ *Administrador funcional*—awarded upon completion of one year of study beyond the *licenciado*.
- D *Doctor en medicina*—awarded upon completion of six years of tertiary study.
- E *Maestria en _____* —awarded upon completion of two years of study beyond the *licenciado*.
- F *Especialista en _____* —represents completion of a specialization in medicine.

*The title of *tecnico* is awarded at various educational levels. Check carefully to verify the actual level of this credential.

Grading System

90–100	<i>Sobresaliente</i>	Outstanding
80– 89	<i>Muy bueno</i>	Very Good
70– 79	<i>Bueno</i>	Good
60– 69	<i>Regular</i>	Average
Below 60	<i>Reprobado</i>	Failed

Advice for Admissions Officers

- Applicants who have received the *licenciado* or one of the first professional degrees (e.g., *ingeniero*, *arquitecto*, etc.) may be considered for graduate admission. Applicants who have received the *Diploma de _____ curso de postgrado* or the *Administrador funcional* may be considered for possible graduate transfer credit determined through a course-by-course analysis. The *maestria* may be considered comparable to a U.S. master's degree.

Additional Sources of Information

The Admission and Placement of Students from Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama. A PIER Workshop Report, AACRAO/NAFSA, 1987.

Niger

Educational System

Primary Secondary												Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
												A		B	B ₄	C	C ₁	D
												A ₁		B ₁		C ₂	C ₂	
												A ₂		B ₂				
														B ₃				

- A *Baccalaureat de l'Enseignement Secondaire*—awarded upon completion of 13 years of primary and secondary education consisting of six years of primary education, four years of lower secondary education, and three years of upper secondary education. Awarded under two sections: literary and scientific. This certificate qualifies students for admission to higher education in Niger. Entrance to university study may also be gained by passing an examination, either for the school of letters or for the school of sciences or the school of health sciences.
- A₁ *Diplome de fin d'Etudes Nigerien (DFEN)*—awarded upon completion of three years of upper secondary school to students who do not pass the *baccalaureat* examination.
- A₂ *Baccalaureat Technicien*—awarded upon completion of three years of upper secondary technical education.
- B *Diplome Universitaire d'Etudes: Generales, Litteraires, or Scientifiques (DUEG, DUEL, or DUES)*—first university diploma, awarded after two years of full-time tertiary study.
- B₁ *Diplome de conseiller Pedagogique de l'Enseignement Primaire (DCPEP)*—qualification awarded after two years of study beyond the *baccalaureat*. Entrance gained by competitive examination.
- B₂ *Certificate d'Aptitude Pedagogique au Professorat es Colleges d'Enseignement General (CAP/CEG)*—first university-level teacher training certificate, awarded after two years of full-time tertiary study.
- B₃ *Certificate Preparatoire des Etudes Agronomiques (CPEA)*—preparatory certificate required for admission to *Ecole Supérieure d'Agronomie*, awarded in combination with the *DUES* after two years of tertiary studies.
- B₄ *Licence*—awarded upon completion of one year of study beyond the *DUES*, *DUEG*, or *DUEL*.
- C *Licence*—awarded upon completion of two years of study beyond the *DUES*, *DUEG*, or *DUEL*.
- C₁ *Diplome (d'Agronomie approfondie; d'Ingenieur agronome)*—awarded upon completion of five years of study beyond the *baccalaureat*.
- C₂ *Maitrise*—degree of higher education awarded in science (physics at present) and in agricultural studies after a year of study and research beyond the *licence*.
- D *Doctorat en Medecine*—first professional degree in medicine, awarded after six years of tertiary study.

Niger

<u>On a scale from 1 to 20</u>		<u>Suggested U.S. equivalent</u>
14 and above	Excellent	A
12-13	Very good	B
10-11	Good	C
8- 9	Poor	D
Below 8	Fail	F

"Mentions" on the university certificates and diplomas:

<i>Tres bien</i>	16 and over
<i>Bien</i>	14-15
<i>Assez bien</i>	12-13
<i>Passable</i>	10-11

Advice for Admissions Officers

- Applicants holding the five-year *diplôme* or the *maitrise* may be considered for graduate admission. Careful attention should be paid to any degree titled *licence*. This degree may be awarded after three years of study or it may indicate a degree of four years in length which combines the two-year *DUE* with a two-year *licence*. Holders of this four-year combination degree may be considered for graduate admission.

Additional Sources of Information

Etudes Africaines, Inventaire des Enseignements Dispenses Dans les Pays Francophones
(1971-72). AUPELF, Paris, 1973.

Les Possibilités d'Éducation en Afrique 1974. Fonds International d'Échanges Universitaires.

Livret de l'Etudiant. Université de Niamey, 1973-1974.

Educational System

Nigeria

Primary					Secondary					Form VI			Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
										A	B	B ₆	B ₁₀	C	C ₃	C ₄	D	D	H	H	H
										A ₁	B ₁	B ₇	B ₁₁	C ₁	C ₄	C ₅	E	F ₁	D		
										A ₂	B ₂	B ₈	B ₁₂	C ₂	C ₅	C ₆	F	H			
											B ₃	B ₉	B ₁₃		C ₆	D	F ₁				
											B ₄		B ₁₄		D	E	G				
											B ₅		B ₁₅			F	H				
																H					

Nigeria

- A Secondary School Leaving Certificate, West African School Certificate, General Certificate of Education Ordinary Level Single Subject examinations—awarded after passing prescribed examinations taken upon completion of five years of secondary education.
- A₁ Grade II Teachers' Certificate—awarded upon completion of five years of teachers' education.
- A₂ Basic Level External Commercial, Vocational Certificate of the Royal Society of Arts, etc., and GCE-O Commercial/Vocational Certificate—awarded after passing prescribed examinations typically taken upon completion of five years of commercial/vocational secondary school.
- B Certificate in Food Science and Applied Nutrition—awarded upon completion of an eight-month program following WASC/GCE-O levels.
- B₁ Certificate in Tax Revenue Administration (ABU)—awarded upon completion of a nine-month program following WASC/GCE-O levels.
- B₂ Grade II Teachers' Certificate—awarded upon completion of three years of teachers' education following modern school (grade nine).
- B₃ Technical Teachers' Certificate, Certificate in Arabic and Islamic Studies, Certificate in Religious Studies, Diploma in Mass Communications, Diploma in Edo or Yoruba Studies—awarded after one year of study beyond WASC/GCE-O levels.
- B₄ City and Guilds of London Institute's Ordinary Craft Diploma—awarded upon completion of three years of modern school and three years of trade center training.
- B₅ Certificate of Educational Administration—awarded upon completion of one year of study beyond Grade II Teachers' Certificate (see A₁).
- B₆ Higher School Certificate; General Certification of Education-Advance Level; Ordinary (National) Diploma; Certificate; Certificate in Agricultural Subjects; Certificate in Accounting, Banking, and Insurance; Diploma in Librarianship—awarded for two years of study beyond WASC/GCE-O levels.
- B₇ Grade II Teachers' Certificate—awarded for two years of study beyond Secondary School Leaving Certificate *without* receipt of WASC.
- B₈ City and Guilds of London Institutes Advanced Craft Diploma – awarded for study beyond Ordinary Craft Diplomas (see B₄).
- B₉ Diploma in Law, Diploma in Library Science, Diploma in Mathematics Education—awarded for two years of study beyond WASC/GCE-O levels/Grade II Teachers' Certificate (see A₁).
- B₁₀ Nigerian Certificate of Education (Academic, Commercial, Technical), Diploma in Music Education—awarded for three years of study beyond WASC/GCE-O levels/Grade II Teachers' Certificate (see A₁).
- B₁₁ Diploma in Islamic Legal Studies, Nigerian Registered Nurse, Diploma in Physiotherapy, Diploma in Animal Husbandry, Diploma in Music Education—awarded for three years of study beyond WASC/GCE-O levels.
- B₁₂ Technical Teachers' Certificate—awarded for one year of study beyond four years of technical school, which is entered after grade nine.
- B₁₃ Diploma in Fine Arts—awarded for three years of study beyond Grade II Teachers' Certificate (see A₁).
- B₁₄ Higher Diploma in Mathematics Education—awarded for one year of study beyond Diploma in Mathematics Education (see B₉) or one year beyond Higher School Certificate (see B₆).
- B₁₅ Diploma in Law—awarded for one year of study beyond Higher School Certificate/GCE-A levels.
- C Bachelor's degree—awarded for four years of study (including preuniversity year) beyond WASC/GCE-O levels.
- C₁ Higher (National) Diploma/Certificate—awarded for two years of study beyond Ordinary Diploma/Certificate (see B₆).
- C₂ Certificate in Educational Administration, Diploma in Infant Methods, Higher Diploma in Mathematics Education—awarded for one year of study beyond Nigerian Certificate of Education (see B₁₀).

- C₃ Bachelor's degree—awarded for three years of study beyond HSC/GCE-A levels.
- C₄ Bachelor's degree (B.Sc. Medical Laboratory Technology, B.Sc. Estate Management, B.Sc. Food Science and Technology, B. of Fine Arts, B. of Pharmacy, B.Sc. Engineering, B.A. Languages and Music, B.Sc. Accounting, B.Sc. Nursing, B.Sc. Computer Science)—awarded for five years of study (including preuniversity year) beyond WASC/GCE-O levels or four years beyond HSC/GCE-A levels.
- C₅ Technical Teachers' Certificate—awarded for one year of study beyond Higher Diploma (see C₁) or after bachelor's degree (see C and C₃).
- C₆ Postgraduate Diploma, Certificate/Diploma in Hausa, Diploma in Law (same as B₁₅), Diploma in the Study of West African Religions, Higher Diploma in Local Government—awarded for one year of study beyond bachelor's degree (see C and C₃).
- D Master's degree—awarded after one to three years of full-time study beyond bachelor's degree (see C and C₃).
- E B. of Medical Surgery, B. of Agricultural Engineering, B. of Medicine, B. of Surgery, B. of Dental Surgery—awarded for six years of study (including preuniversity year) beyond WASC/GCE-O levels, or five years beyond HSC/GCE-A levels.
- F Diploma in Financial Management, Diploma in Architecture/Building—awarded for one to two years of study beyond bachelor's degree (see C and C₃).
- F₁ Diploma in Immunology, Diploma in Public Health—awarded for one year of study beyond bachelor of medicine (see E).
- G Doctor of Veterinary Medicine—awarded for five years of study beyond HSC/GCE-A levels.
- H Doctorate—awarded for one to three years of study beyond master's degree.

Grading System

- 70–100% First Class Honours
- 60– 69% Upper Second Class Honours
- 50– 59% Lower Second Class Honours
- 45– 49% Third Class Honours
- 40– 44% Pass Class (not given at all institutions)

Advice for Admissions Officers

- Degrees are comparable to U.S. degrees at the same level. A bachelor's degree should be the minimum requirement for admission into U.S. graduate and professional schools. In general, postgraduate diploma/certificate programs are not equivalent to U.S. master's degrees. This is especially true when the U.S. program requires independent study and/or a thesis. Diploma/certificate programs that require a bachelor's degree for admission may be considered for graduate credit if an undergraduate major in the same or closely related subject matter is required or if the admitting U.S. institution does not require an undergraduate major in that area for admission into a graduate program.

Additional Sources of Information

- Margolis, Alan M., *Nigeria: A Study of the Educational System of Nigeria and a Guide to the Academic Placement of Students in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1977.

Primary					Secondary					Tertiary													
1	2	3	4	5	6	7	8	9	10	11	12	12.5	13	14	15	16	17	18	19	20	21	22	
											A	B		B ₁	B ₁	C		D	D	D ₁	E	E	E ₂ *
																		D ₁	D ₁	E		E ₁	

- A *Vitnemal* (Secondary School Certificate)—awarded upon completion of six years of secondary education.
- B *Examen philosophicum* (universities and some regional colleges)—awarded upon completion of approximately one-half year of tertiary education.
- B₁ *Hogskolekandidat*—awarded in academic, technical, and administrative fields after completion of two to three years of postsecondary education (e.g., teacher's colleges, regional colleges, colleges of nursing, colleges for social work, physical therapy, journalism, music, etc.).
- C *Candidatus magisterii* (*cand. mag.*)—first university degree, awarded upon completion of approximately four years of tertiary education at universities and regional colleges.
- D *Candidatus philologiae* (*cand. philol.*), *candidatus scientiarum* (*cand. scient.*)—second university degree, requiring two to three years of study beyond the *cand. mag.*
- D₁ *Magister artium* (*mag. art.*)—higher university degree, awarded upon completion of six to eight years of tertiary education. More research-oriented than the *cand. philol.* degree, with major emphasis on a thesis.
- E *Doktor artium* (*dr. art.*), *Doktor politicarum* (*dr. polit.*), etc.—third university degree, awarded upon completion of two to two and one-half years of original research and dissertation beyond the second university degree, e.g., *cand. philol.*, etc. Coursework required. One of two types of doctorates awarded in Norway.
- E₁ *Lisensiat's* degree—third university degree, awarded upon completion of original research and dissertation. Requirements for this degree are similar to those for the *doktor's* degree, but with less research.
- E₂ *Doktor's* degree—the highest academic degree awarded in Norway, and one of two types of doctorates. Obtained after several years of research, including a thesis based on independent academic work. Includes an exam and a defense of thesis. Strictly a research degree and very demanding.

Grading patterns vary not only among institutions but also among schools within a university. The grades generally used at the Universities of Oslo, Bergen, Trondheim, and Tromsø are listed below:

<i>Laudabilis prae ceteris</i>	1.00–1.50 (highest grade)
<i>Laudabilis</i>	1.51–2.50
<i>Haud illaudabilis</i>	2.51–3.25
<i>Non contemnendus</i>	3.26–4.00 (lowest passing)

Norway

- ### Additional Sources of Information

Norwegian Information Service in the United States, 825 Third Avenue, 17th Floor,
New York, New York 10022. Tel: 212-421-7333.

Oman

A Secondary School General Certificate-Arts/Sciences—first year of secondary education is general, and the second and third years are either arts or science. A national examination in the appropriate “stream” must be passed to earn the certificate. There are also three-year programs leading to the Secondary School General Certificate in the following specializations: Islamic studies, teacher training, commercial studies, agricultural studies, and industrial studies.

B Higher education—The only postsecondary education in Oman is provided by the Sultan Qaboos University, initially opened in 1986, which offers four- and five-year bachelor’s degrees.

Not available

- Because higher education has just begun in Oman, there is no basis for determining specific guidelines, although Sultan Qaboos University will be organized along the lines of a typical U.S. university. The first graduates should receive their bachelor's degrees in 1990.

Johnson, J. K. (ed.), *The Admission and Placement of Students from: Bahrain, Oman, Qatar, United Arab Emirates, Yemen Arab Republic. A Workshop Report, October—November 1983*. AACRAO/NAFSA, Washington, D.C. 1984.

Primary		Secondary		Tertiary
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The most typical university grading scale

Quaid-i-Azam University

80-100%	A
65- 79%	B
50- 64%	C
0- 49%	F

The International Islamic University

80-100%	Distinction	A +
66- 79%	Class I	A
51- 65%	Class II	B
45- 50%	Pass	C

Minimum of 40% to pass individual courses

Allama Iqbal
Open University

80-100%	A
65- 79%	B
50- 64%	C
40- 49%	D
0- 39%	Fail

University of Engineering and
Technology, and N.W.F.P.
Agricultural University

60-100%	First Division	A
50- 59%	Second Division	B
40- 49%	Third Division	C
0- 39%	Fail	F

University of Karachi

90-100%	A + (Distinction)
70- 89%	A
55- 69%	B
40- 54%	C
33- 39%	D
0- 33%	Fail

University of Sind

80-100%	A	4	Excellent
65- 70%	B	3	Good
50- 64%	C	2	Satisfactory
40- 49%	D	1	Pass
0- 39%	F	0	Fail

N.E.D. University

<u>Undergraduate</u>	<u>Grade</u>	<u>%</u>	<u>Remarks</u>
AA			
AB	A	85-100	Excellent
BB	B	70- 84	Good
BC	C	60- 69	Satisfactory
CC		50- 59	Pass
CD	F	0- 50	Fail
DD	I		Incomplete
FF	R		Thesis completed

Advice for Admissions Officers

- The master's degree is the minimum qualification for admission to graduate and professional degree programs. Exceptions would be those bachelor's degrees representing a minimum of four years of tertiary study.

Additional Sources of Information

The Admission and Placement of Students from South Asia: Bangladesh, India, Pakistan, Sri Lanka. A PIER Workshop Report, AACRAO/NAFSA, Washington, DC, 1986.
 Sweeney, Leo J., *Islamic Republic of Pakistan: A Study of the Educational System of Pakistan and a Guide to the Academic Placement of Students from Pakistan in Educational Institutions of the United States*, AACRAO WES, Washington DC, 1977.

Primary						Secondary						Tertiary							
1	2	3	4	5	6	7	8	9	10	11	12	13	13.5	14	15	16	17	18	19
										A	A ₁	B		B ₁	B ₂	B ₃	C	C	D
										A ₂							C ₁	E	F
																	D	F	G

- The title of *profesor* occurs at various levels in Panama. Check carefully to verify the level of these credentials.

91-100	<i>Sobresaliente</i>	A
81- 90	<i>Bueno</i>	B
71- 80	<i>Regular</i>	C
61- 70	<i>Minimo</i>	D
0- 60	<i>Fracaso</i>	E

- Applicants who have received the *licenciado* may be considered for graduate admission. The *maestria* may be considered comparable to a U.S. master's degree. The *doctor* (not to be confused with the medical credential) may be considered comparable to a U.S. earned doctorate.

The Admission and Placement of Students from Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama. A PIER Workshop Report, AACRAO/NAFSA, 1987.

Primary				Secondary						Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
								A		A ₁	B	B		B	C	C	C ₃	D	E	E
														C	C ₁	C ₂	D			
																C ₃				
																D				

- A School certificate—awarded upon completion of 10 years of primary and secondary education. Students may proceed to grades 11 and 12, or if examination grades are of sufficient quality, they may enter the university. They must then complete a one-year matriculation course before entering a degree program.
- A₁ Senior High School Certificate—awarded upon completion of 12 years of primary and secondary education. The student may then enter the university.
- B Professional qualifications—diplomas or certificates awarded after one to three years of study at the university level or at other higher level institutions. Diplomas and certificates may be awarded at the subgraduate or postgraduate level.
- C Bachelor of Technology—awarded after completion of three to five years of university-level study. This degree is awarded by the Papua New Guinea University of Technology.
- C₁ Bachelor's degree—awarded upon completion of four years of university-level study.
- C₂ Bachelor's degree—awarded upon completion of five years of university-level study.
- C₃ Bachelor's degree (honours)—awarded upon completion of one year of university-level study beyond the bachelor's degree.
- D Master's degree—awarded upon completion of at least one year of full-time study beyond the bachelor's level and by thesis in an approved topic. Degrees are also obtained by part-time attendance.
- E Ph.D.—awarded upon completion of a minimum of three years of full-time or longer part-time university-level study. Open to candidates with a master's degree or bachelor's degree with additional preliminary training period. Awarded by thesis after research in approved topic.

Papua
New Guinea

Class I	
Class II	Division A
Class II	Division B
Class III	

- Applicants holding the bachelor's degree may be considered for graduate admission. Applicants holding the Bachelor of Technology may be considered for admission into graduate programs for which the degree is considered appropriate preparation.

Primary						Secondary							Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
										A	A ₁	A ₃	B	C	C ₂	C ₄	C ₄	E	E
											A ₂			C ₁	C ₃	C ₅	C ₅		
															C ₄	D	D ₁		
																E	D ₂		
																	D ₃		
																	E		

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- D₁ Doctor of Medicine, Doctor of Surgery—first university degree, awarded upon completion of six years of tertiary study.
- D₂ *Arquitecto* (architect)—first university degree, awarded upon completion of six years of tertiary study.
- D₃ *Abogado* (lawyer)—first university degree, awarded upon completion of six years of tertiary study.
- E Doctor (in biochemistry, philosophy, letters, pedagogy, history, psychology)—second university degree, awarded upon completion of one or two years of study beyond the *licenciado*.

Grading System

Paraguayan grading scale		Suggested U.S. equivalent	
<i>Sobresaliente</i>	10 5	Excellent	A
<i>Muy bueno</i>	8-9 4	Very Good	B
<i>Bueno</i>	6-7 3	Good	B - /C +
<i>Suficiente</i>	5 2	Average	C/C -
<i>Regular</i>	4 2	Average	C/C -
<i>Acceptable</i>	3 2	Average	C/C -
<i>No aprobado</i>	2 1	Failed	F
<i>Aplazado</i>	1 1	Failed	F
<i>Insuficiente</i>	0 1	Failed	F

Advice for Admissions Officers

- Holders of one of the following degrees may be considered for graduate admission: *licenciado*, *notario*, *Professor de Enseñanza Secundaria* (post-1972), *ingeniero*, *arquitecto*, and *abogado*.
- Holders of the degree of *doctor* in medicine, surgery, dentistry, and veterinary medicine may be considered for graduate admission and may be considered to hold the first professional degree in the field.
- Holders of the degree of *doctor* in biochemistry, history, letters, pedagogy, philosophy, and psychology may be considered for graduate admission with 0 to 30 hours of graduate transfer credit determined through a course-by-course analysis.

Additional Sources of Information

Aldrich, Caroline (ed.), *The Admission and Academic Placement of Students from Selected South American Countries*. NAFSA/AACRAO, 1978.

Primary					Secondary				Tertiary														
					Cycle 1		Cycle 2																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1941-73																							
					A		A ₁	A ₃	A ₄		B		B ₁	C	C ₅	C ₆	D	C ₇	E				
							A ₂				C ₂		C	C ₄			D						
														C ₁									
														C ₂									
														C ₃									

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Peru

Philippines

Philippines

colleges or universities. Since 1974, all high school graduates must pass the National College Entrance Examination in order to enter a four-year degree program. Because colleges may impose additional requirements, simply passing the exam does not assure admission.

- B Associate degree—awarded upon completion of two years of tertiary education.
- B₁ Graduate Nurse (GN) or Graduate in Nursing—prior to 1976, awarded upon completion of three years of study in a hospital school of nursing program following one year of prenursing. After 1976, awarded upon completion of three years of study in a hospital school of nursing program.
- C Bachelor's degree—first university degree, awarded upon completion of four years of tertiary education.
- C₁ Bachelor's degree in engineering, architecture, and pharmacy—awarded upon completion of five years of tertiary education.
- D Master's degree—second university degree, awarded upon completion of one to two years of full-time graduate education, depending on the field of study.
- E Professional degree: Doctor of Dental Medicine, Doctor of Veterinary Medicine, Doctor of Optometry—awarded upon completion of at least six years of tertiary education (at least two years preprofessional and four years professional).
- F Doctorate degree: Doctor of Education, Doctor of Philosophy—third university degree, generally awarded after completion of two to three years of graduate education beyond the master's degree.
- G Bachelor of Laws degree—awarded upon completion of a bachelor's degree program followed by four years of study in law.
- H Doctor of Medicine—awarded upon completion of a bachelor's degree program followed by three years of medicine and 10–12 months of clinical clerkship.

Grading System

Grading systems vary among institutions. Individual transcripts usually state that school's scale. In a few cases, a four or five is the highest possible grade (rather than the lowest). Below is the most commonly used grading scale:

		Suggested U.S. equivalent
1.0–1.5	92–100	A
1.6–2.0	85– 91	B
2.1–2.5	80– 84	C
2.6–3.0	75– 79	D
3.1–5.0	0 – 74	F

Advice for Admissions Officers

- An applicant who completes a four-year bachelor's degree program may be considered for graduate admission.
NOTE: This credential represents completion of 10 years of primary and secondary education followed by 4 years of university for a total of 14 years of schooling.
- A five-year bachelor's degree program in architecture or engineering may be considered to have a degree comparable to a U.S. bachelor's degree in architecture or engineering.
- An applicant who has completed one full academic year of a master's degree program may be considered for graduate admission with some transfer credit granted on a course-by-course basis.

		Suggested U.S. equivalents
<i>Bardzo dobry</i>	Very good	A
<i>Dobry</i>	Good	B
<i>Dostateczny</i>	Satisfactory	C
<i>Nie Dostateczny</i>	Unsatisfactory	F

Advice for Admissions Officers

- Students who have completed at least four years of postsecondary education and have earned the corresponding degree, may be considered for graduate admission.

Additional Sources of Information

The Educational System of Poland. DHEW, Office of Education, Washington, D.C., 1976.

Educational System

Primary		Secondary		Tertiary												
1	4	5	11	12	13	14	15	16	16.5	17	17.5	18	18.5	19	19.5	

*time not specified

- A *Certificado de Fin de Estudos Secundarios*—secondary school leaving certificate awarded after completion of four years of primary education followed by seven years of secondary education, the last two years being titled the *curso complementar*.
- A₁ *Ano Propedeutico*—12th year of schooling, given through television courses—was to become 12th year of schooling proper in 1980–81. Students who compete for admission to the universities must complete the *Ano Propedeutico* and take the *Concurso Nacional de Candidatura as Ensino Superior*, a national competitive examination.
- A₂ *Exame de Maturidade*—university entrance examination for students over 25 who have not followed the above course of education.
- B *Diploma de Estudos Superiores*—will be awarded after completion of two- to three-year programs being developed by the Ministry of Education. Studies will take place in regional polytechnic institutions of higher education and will be training courses for high-level technicians in various fields, including teaching.
- B₁ *Curso Profissional de Farmacia*—a three-year diploma program offered in several universities.

- _____

- _____

- _____

Diploma of Commerce (*thanawiya fanni*), Secondary School Technical (Trades) Certificate (*thanawiya sing'ah*)—commercial and technical schools (boys only) provide limited access to further education.

- A₂ Certificate of Secondary Institute for Islamic Studies—equivalent to *thanawiya*.
- B Certificate in Elementary Teaching—represents two years of postsecondary training.
- B₁ Civil aviation college diplomas—represent two to three years of specialized postsecondary training.
- C Bachelor's degree—represents four years of postsecondary study.
- C₁ Bachelor's degree in engineering—represents five years of postsecondary study.
- C₂ General Diploma in Education and Special Diploma in Education—additional undergraduate coursework beyond the bachelor's degree.

Grading System

In the University of Qatar, the grading system uses letter grades A–F with a corresponding five-point numerical scale. The intended distribution is as follows:

			<u>% of students receiving grade</u>
A	Excellent	5 points	7-10%
B	Very good	4 points	15-20%
C	Good	3 points	40%
D	Pass	2 points	30%
F	Fail	1 point	7-10%

Advice for Admissions Officers

- Holders of a bachelor's degree from the University of Qatar may be considered for graduate admission.

Additional Sources of Information

Johnson, J.K. (ed.), *The Admission and Placement of Students from: Bahrain, Oman, Qatar, United Arab Emirates, Yemen Arab Republic. A Workshop Report*, October, November 1983. AACRAO/NAFSA, Washington, D.C., 1984.

Educational System

Primary							Secondary					Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
											A			B	C	C	C ₁	D	D	D
															C ₁	C ₁	C ₃	E	E	E
																C ₃	C ₄			

C₁ *Agregation de l'Enseignement Secondaire Superieure* (or *Moyen*) (*Diplome d'Agrege*)—awarded after five years of tertiary-level study. Qualifies holder to teach at the upper secondary level.

C₂ *Maitrise*—professional title awarded after six years of tertiary-level study.

D *Doctorat en Medecine*—professional title awarded after six to seven years of study at the tertiary level.

	Suggested U.S. equivalent
80-100	A + (very rare)
70- 79	A
60- 69	B
50- 59	C
0- 49	F

- The three-year *baccalaureat* degrees are not considered sufficient preparation for graduate study in the United States.
- Holders of the *licence* may be considered for graduate admission.
- The *maitrise* may yield graduate transfer credit.

Trudeau, Edouard J.C., *Selected French Speaking Sub-Saharan African Countries*. WES. 1975.

Primary						Secondary						Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	14.5	15	16	17	18	19	20	21
											A	B	B ₁	B ₆	B ₄	C ₁	C ₁	C ₅	D		F
													B ₂		B ₇		C ₂	D			
													B ₃		C		C ₃	E			
													B ₄				C ₄				
													B ₅				C ₅				

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- B₃ Diploma of the Higher Institute for Financial and Commercial Sciences—represents two years of postsecondary education.
- B₄ Institute of Public Administration Certificate in _____ (Legal Studies, Financial Control, or Banking Studies)—represents two to three years of postsecondary education.
- B₅ Diploma for Junior College Training for Teachers—represents two years of postsecondary education.
- B₆ Diploma in Computer Technology—represents two and one-half years of university study.
- B₇ Diploma of the Higher Technical Institute—represents one year of postsecondary education beyond the Certificate of the Higher Technical Institute or the Technical College Certificate.
- C Bachelor of _____ (Air Force and Aviation Technology, Military Science, or Naval Science)—first university degree, awarded after three years of postsecondary study.
- C₁ Bachelor of Arts, Bachelor of Science—first university degree, awarded upon completion of four to five years of full-time tertiary education.
- C₂ Bachelor of Science—first university degree, awarded upon completion of one year of preparatory instruction in English and four years of full-time tertiary education.
- C₃ Bachelor of Pharmacy, Bachelor of Veterinary Medicine, Bachelor of Engineering—first professional degree, awarded upon completion of five years of full-time tertiary study.
- C₄ Doctor of Dental Science—first professional degree requiring five years of university study.
- C₅ Higher diploma—represents one year of postbaccalaureate study.
- D Master's degree (Master of Arts, Master of Science, Master of Education, Master of Business Administration)—second university degree, awarded upon completion of two years of full-time study plus a thesis.
- E Doctor of Medicine—first professional degree representing six years of university study.
- F Doctor of Philosophy—represents a minimum of three years of study beyond the master's degree.

Grading System

A	90–100	Excellent	90–100	Excellent	90–100
B	80– 89	Very good	80– 89	Very good	80– 89
C	70– 79	Good	65– 79	Good	70– 79
D	60– 69	Pass	50– 64	Pass	60– 69
F	0– 59	Failure	0– 49	Failure	0– 59

Grading scale used will appear on the transcript.

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Additional Sources of Information

The Admission and Academic Placement of Students from Selected Arab Countries: A Workshop Report. October–November 1975. NAFSA, Washington, D.C., 1976.

Oliver, E. Eugene, *Saudi Arabia: A Study of the Educational System of Saudi Arabia and a Guide to the Academic Placement of Students in Educational Institutions of the United States.* WES, AACRAO, Washington, D.C., 1987.

Senegal

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
											A		B	B ₁	C	C ₁	D	E
																C ₂	D ₁	

- A *Baccalaureat*—awarded upon completion of three years of upper-cycle secondary school.
- B *Diplome Universitaire (d'Etudes Scientifiques, Juridiques Generales, Litteraires, Economiques)*—awarded upon completion of two years of postbaccalaureate study.
- B₁ *Licence*—awarded upon completion of one year of study beyond the *Diplome Universitaire Etudes Litteraires and Etudes Scientifiques*.
- C *Maitrise*—awarded upon completion of one year of study beyond the *licence* in letters, two years of study beyond the *diplome* in law and economics.
- C₁ *Certificat d'Etudes Superieurs* in law or economics—awarded upon completion of one year of study beyond the *maitrise* in the field.
- C₂ *Diplome de Pharmacien, Diplome d'Ingenieur*—awarded upon completion of five years of postbaccalaureate study.
- D *Doctorat (3e cycle)*—awarded upon completion of two years of study beyond the *maitrise*.
- D₁ *Diplome d'Etudes Approfondies (DEA)*—awarded upon completion of two years of study beyond the *maitrise*.
- E *Doctorat d'Etat en Medecine*—first professional degree in medicine, awarded upon completion of seven years of postbaccalaureate study.

Grading System

Excellent	16 and over	<i>Tres bien</i> (rarely given)
Very good	14–15	<i>Bien</i>
Good	12–13	<i>Assez bien</i>
Pass mark	10–11	<i>Passable</i>

Approximation of the equivalencies to the U.S. system:

14 and above	A
12–13	B
10–11	C
8–9	D
Below 8	F

The *Universite de Dakar* uses a scale of 0 to 60. It is critical to know the coefficients to convert all scores to a single scale.

Advice for Admissions Officers

- Applicants holding a *maitrise* may be considered for graduate admission. The *licence* is normally deemed insufficient preparation.

Primary						Secondary																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
												A	A ₁	B B ₁ B ₂ B ₃		C	C ₁ C ₂	D D ₁	D ₂ E	E	E		

- A General Certificate of Education (Ordinary Level), West African Higher School Certificate (Subsidiary Level)—awarded after 12 years of primary-secondary education.
- A₁ General Certificate of Education (Advanced Level), West African Higher School Certificate (Principal Level)—awarded after two years of study beyond “O” levels.
- B Certificate of the Sierra Leone Nurses Board as State Registered Nurses (SRN)—awarded upon completion of three years of study beyond GCE “O” levels.
- B₁ Teachers’ certificate (primary school teaching)—awarded upon completion of three years of study beyond GCE “O” levels or entrance exam.
- B₂ Higher teachers’ certificate (secondary school teaching)—awarded upon completion of three years of study beyond GCE “O” levels.
- B₃ Diploma—awarded upon completion of three years of university-level study beyond GCE “O” levels or West African Examination Certificate in engineering, aquatic biology and fisheries.
- C Bachelor’s degree—awarded upon completion of three years of university-level study beyond GCE “A” levels or equivalent, or four years beyond GCE “O” levels, or West African Examination Certificate.
- C₁ Bachelor’s degree with honors—awarded upon completion of one year of university-level study beyond the bachelor’s degree.
- C₂ Diploma—awarded upon completion of one year of university-level study beyond the bachelor’s degree.
- D Master’s degree—awarded upon completion of one year of full-time or two years of part-time university-level study beyond the bachelor’s degree with honors (additional year from general degree) by thesis and oral exam.
- D₁ Diploma—awarded upon completion of two years of university-level study beyond the bachelor’s degree in theology.
- D₂ Master’s in Education (M.Ed.)—awarded upon completion of three years of part-time university-level study; requires approved professional qualification in education and two years of teaching experience.
- E Ph.D.—awarded upon completion of a minimum of three years of full-time university-level study beyond first degree, by thesis and oral exam after research in approved topic.

Grading System

Njala University College

A	Excellent	5
B	Good	4
C	Fair	3
D	Barely passed	2
F	Fail	1

Fourah Bay College

A	100-70	
B	69-50	
C	49-40	
D	39-35	Fail
E	Below 35	Fail

Sierra Leone

Advice for Admissions Officers

- The three- or four-year bachelor's degree may be considered for graduate admission. The bachelor's degree with honors represents stronger preparation.
- The master's degree may be considered for graduate admission with some advanced standing.

Additional Sources of Information

The Admission and Academic Placement of Students from Selected Sub-Saharan African Countries: A Workshop Report. NAFSA and AACRAO, 1973.

Singapore

Educational System

Primary						Secondary							Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

- A Singapore-Cambridge General Certificate of Education, Ordinary Level (GCE "O" levels), Cambridge School Certificate—awarded after completion of six years of primary education and four years of secondary education.
- A₁ Singapore-Cambridge General Certificate of Education, Advanced Level Subjects (GCE "A" levels), Cambridge Higher School Certificate Subjects—awarded after completion of six years of primary education and six years of secondary education. Candidates for admission to the National University of Singapore must submit the GCE "A" level or equivalent with two "A" grade passes obtained at one sitting. They must also submit the General Paper from the same sitting, a second language at the "AO" level, and a grade "C" pass in English at the GCE "O" level. Faculties within the university have special entrance requirements.
- B Industrial Technician's Certificate (ITC)—awarded after two years of study in technical areas.
- B₁ Professional qualifications—awarded as diplomas or certificates after one to three years of study. Includes the teaching certificates offered by the Institute of Education.
- C Bachelor's degree (three years)—awarded after three years of tertiary study. B.Sc. (Pharm.) is awarded after completion of two years of study beyond one year of science study. The B.Acc. and the B.A. (Arch. Studies) are awarded after three years of study. The B.A. and the B.Sc. are awarded after three years of study at both the ordinary and the honours levels. The B.B.A. is also earned after three years' study.
- C₁ Bachelor's degree (four years)—these degrees are awarded after four years of tertiary study: LL.B., B.D.S., B.Eng., B.Sc. (Bldg.), B.Sc. (Estate Management). The three-year B.A. and B.Sc. are awarded as honours degrees after a fourth year of study. The B.Soc.Sci. hons. is awarded for one year of study beyond the three-year B.A.
- C₂ Bachelor's degree (five years)—the M.B.B.S. is awarded after five years of tertiary study.

- D Postgraduate diplomas and certificates—awarded after nine months to two years of study beyond the bachelor's level.
- D₁ Master's degree—these degrees are awarded after one to three years' study beyond the bachelor's degree: M.A., M.Soc.Sci, LL.M, M.Sc., M.Eng., M.Arch., M.Sc. (Building), M.Bldg.Sc., M.Sc. (Estate Management), M.Sc. (Pharm.). Several master's-level degrees offered at the National University of Singapore also require diplomas or work experience between the bachelor's and master's levels. The M.Ed. is given through the Institute of Education and requires a one-year postgraduate diploma in education and two years of approved teaching experience. The M.A. (Applied Linguistics) is given through the S.E.A.M.E.O. Regional Language Centre and requires students to hold the Centre's diploma in applied linguistics or in T.E.S.L. and to have two years' relevant work experience. The M.Sc. (Public Health), the M.D.S., and the M.Med. require students to have held "registrable medical qualifications" for three to five years.
- D₂ Certificate in Legal Education—awarded after one year of study beyond the LL.M.
- E Doctor of Philosophy—awarded after completion of two to five years' study, usually after the master's degree, by thesis after research in an approved topic.
- E₁ Higher doctorate—D.Litt., L.L.D., D.Sc.—open to persons who have been holders of the Ph.D. for at least five years. Awarded on published work.

Note: The National University of Singapore was established in 1980 by merger of the University of Singapore (est. 1962) and Nanyang University (est. 1953) following the creation in 1978 of a joint campus where students from the two universities were taught by the same teachers and were examined by the same internal and external examiners. The former Nanyang University campus in Jurong is now Nanyang Technological Institute. It is linked to the national university's faculty of engineering and is considered part of the university. Under arrangement between the university and the Institute of Education, higher degrees in education, including Ph.D., may be awarded to students of that institute. Under a similar arrangement, students may earn higher university degrees in applied linguistics through the Southeast Asian Ministers of Education Organization (S.E.A.M.E.O.) Regional Language Center (R.E.L.C.).

The certificate of international law and relations, a one-year part-time program, is open to any approved candidate.

Grading System

National University of Singapore

Ordinary degrees are not classified.

Honours degrees are awarded under several classification systems:

L.L.B., B.A., B.Soc.Sci., B.B.A., B.Sc., and B.Sc. (Pharm.)

Class I

Class II, Division I

Class II, Division II

Class III

B.Eng., B.Sc. (Bldg.), and B.Sc. (Estate Management)

Class I

Class II, Division I

Class II, Division II

Higher degrees are not classified.

Singapore

Advice for Admissions Officers

- Holders of the bachelor's degree (general or honours) may be considered for graduate admission.
- Holders of the master's degree may be considered for admission to advanced graduate studies.
- Holders of the Ph.D. may be considered to hold a degree comparable in level and purpose to a U.S. Ph.D.

Additional Sources of Information

The Admission and Placement of Students from: Hong Kong, Malaysia, Philippines, and Singapore. A Workshop Report. NAFSA, 1980.

Somalia

Educational System

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											A ₁	A ₂	B	C		

- A General Certificate of Education (GCE) Ordinary-level examinations—taken after completion of 11 years of primary and secondary education.
- A₁ Secondary School Leaving Certificate—awarded by different types of secondary institutions after 12 years of study. Primary school teachers are trained at the secondary level, secondary school teachers at the university. Students seeking admission to the university must submit the secondary school certificate and sit for an entrance examination.
- A₂ General Certificate of Education (GCE) Advanced-level examination—taken after completion of 13 years of primary and secondary education.
- B Bachelor of Science—a two-year condensed program that is equal to three years of tertiary-level work (about 115 hours of classwork over the two-year period). This program was developed to train teachers.
- C *Laurea*—degree of higher education awarded after four years of study.

Note: A tertiary-level degree titled "doctor" is awarded in Somalia; however, available reference materials do not list the nature or length of this degree.

Grading System

Not available

Advice for Admissions Officers

- Applicants holding the *laurea* awarded after four or more years of study may be considered for graduate admission. The two-year Bachelor of Science degree is considered insufficient preparation for graduate study.

South Africa

A—African C—Coloured W—White I—Indian

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
										A ₁	A ₂		B	B ₅	C	C ₁₁	C ₁₂	E	E	E
													B ₁	B ₆	C ₁	C ₁₂	E			
													B ₂	B ₇	C ₂	C ₁₃				
													B ₃	B ₈	C ₃	C ₁₄				
													B ₄	B ₉	C ₄	D				
														B ₁₀	C ₅					
														B ₁₁	C ₇					
														B ₁₂	C ₈					
															C ₉					
															C ₁₀					
															C ₁₁					
															C ₁₃					

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South Africa

- B₁ Primary Teachers' Certificate (C), Junior Secondary Teachers' Certificate (A)—awarded upon completion of two years of tertiary training beyond the Senior Certificate.
- B₂ South African Teachers' Diploma (A)—awarded between 1960 and 1967 upon completion of two years of tertiary training to holders of the Senior Certificate.
- B₃ Primary Teachers' Diploma (C)—awarded upon completion of two years of tertiary training to holders of the Senior Certificate.
- B₄ National Certificate of Orthopedic Technicians—awarded by hospitals upon completion of four years of training to holders of the Junior Certificate.
- B₅ Bachelor's degree (three-year)—awarded upon completion of three years of education (in the arts, commerce, military science, nursing, general sciences, social sciences, and nonprofessional theology) to holders of the Senior Certificate.
- B₆ Senior Primary Education Diploma (I)—awarded upon completion of three years of tertiary training to holders of the Senior Certificate.
- B₇ Pre- and Junior Primary Education Diploma (I), Diploma in Education (Senior Primary and Junior Primary) (W), Senior Secondary Teachers' Certificate (SSTC) (A), Higher Secondary Teachers' Diploma (HSTD) (A), Lower Secondary Teachers' Diploma (LSTD) (C), Secondary Teachers' Diploma (nongraduate)(C), Junior Secondary Education Diploma (I)—awarded upon completion of three years of tertiary education to holders of the Senior Certificate.
- B₈ National Diploma in Chiropody, National Diploma for Health Inspectors—awarded upon completion of three years of *technikon* education to holders of the Senior Certificate.
- B₉ Diploma in Hygiene—issued prior to March 1974 (by the South African Railways) upon completion of three years of education to holders of the Senior Certificate.
- B₁₀ National Certificate for Orthopedic Technicians—issued (by hospitals) upon completion of three years of training to holders of the Senior Certificate.
- B₁₁ National Diploma in Diagnostic Radiography, National Diploma in Therapeutic Radiography, Diploma in Diagnostic Radiography, Diploma in Therapeutic Radiography, or National Diploma in Radiography/Diploma in Radiography (both issued prior to March 1962)—awarded by universities or hospitals upon completion of three years of education/training to holders of the Senior Certificate with math as a subject.
- B₁₂ Diploma in Logopaedics, B.A. in Logopaedics (prior to 1965)—issued upon completion of three years of education to holders of the Senior Certificate.
- C Bachelor's degree (four-year)—awarded upon completion of four years of education (in agriculture, domestic science, education, engineering, fine arts, law, music, and pharmacy) to holders of the Senior Certificate.
- C₁ B.Sc. (Honours)—awarded upon completion of an honours program to holders of the three-year bachelor's degree.
- C₂ Higher Diploma in Education (W)—awarded upon completion of four years of tertiary education to holders of the Senior Certificate or after one year of tertiary education to holders of the Diploma in Education.
- C₃ Specialisation Diploma (Handicapped) (W)—awarded upon completion of one year of tertiary education to holders of the Diploma in Education or the Higher Diploma in Education.
- C₄ Bachelor of Education (B.Ed.) (W), Higher Diploma in Education (Postgraduate) (W), University Diploma in Education (Postgraduate) (W)—awarded upon completion of four years of university study.
- C₅ B. Pharmacy—awarded upon completion of a minimum of four years of study at either a university or a *technikon*.
- C₆ National Diploma in Medical Laboratory Technology—awarded upon completion of four years of study at either a *technikon* or a technical college.
- C₇ National Diploma in Occupational Therapy, Diploma in Occupational Therapy, Bachelor's Degree in Occupational Therapy—awarded upon four years of tertiary study.

- C₈ National Diploma in Physiotherapy, Bachelor's degree in Physiotherapy, B.Sc. in Logopaedics, B.A. in Logopaedics (after 1964), B.A. in Speech and Hearing Therapy—awarded upon completion of four years of education to holders of the Matriculation Certificate/Exemption.
- C₉ B.Social Science—awarded after four years of tertiary education by *some* institutions.
- C₁₀ Certificate in the Theory of Accounting—awarded after four years of tertiary education with entrance requirements varying by institution.
- C₁₁ Higher Diploma in Education (Postgraduate) (W)—awarded upon completion of one year of tertiary education to holders of a bachelor's degree.
- C₁₂ Further Diploma in Education (W)—awarded upon completion of one year of tertiary education to holders of either the Diploma in Education or the Higher Diploma in Education.
- C₁₃ University Education Diploma (UED) (A), Secondary Teachers' Diploma (formerly University Education Diploma) (C), Postgraduate Senior Secondary Teachers' Diploma (I)—awarded upon completion of one year of tertiary education to holders of a bachelor's degree.
- C₁₄ Bachelor's degree—awarded after five years of education in architecture, dentistry, and veterinary science to holders of the Senior Certificate.
- D Master's degree—generally awarded after a total of 17 years of education, depending upon issuing body and entrance and degree completion requirements for the area of specialization.
- E Doctoral-level studies—awarded upon the completion of 18 to 21 years of study, depending upon issuing body and entrance and degree completion requirements for the area of specialization.

Note: All South African universities were originally founded for separate population groups, as shown below. In the last several years, increasing numbers of nonwhite students have been admitted to white "open universities" (in excess of 15 percent in 1986), although a disproportionately large number of these students are either Coloured or Indian.

Grading System

The upper performance limit in South African universities rarely exceeds 80 percent. Universities use either the four-class pass group grading method or the letter grading method.

Four-class pass group

First Class Pass/Distinction	Very good and <i>rarely</i> awarded
Second Class Pass Upper or	
Second Class Pass (Division One)	Good
Second Class Pass or	
Second Class (Division Two)	Above average
Third Class Pass	Average

Failures are common and, in some instances, students may retake an examination the next year without necessarily repeating the course.

Letter grading

Universities that employ letter grading vary slightly in the distribution of marks. The following is a very generalized interpretation:

- A 75–80% and higher, also sometimes noted as "Distinction"
- B 70–80%
- C 60–69%
- D 50–59%
- E 40–49%
- F less than 40%

awarded after completion of the BUP is the *bachiller*, which gives access to the *Formacion profesional de segundo grado* and the *Curso de Orientacion Universitaria*. By enactment of the Education Law of 1970, the BUP replaced various preexisting high school programs, including the *Bachillerato Superior* and the *Bachillerato Technico Superior*. By 1977-78 these programs were completely phased out and replaced by the BUP.

- A₂ *Curso de Orientacion Universitari (COU)*—college orientation year. Admission is based on satisfactory completion of the *bachiller* or the *Formacion Profesional de Segundo Grado*. This program was put into effect in 1971 to prepare students for university-level study and constitutes a 12th year of primary-secondary education.
- A₃ *Pruebas de Acceso*—university entrance examinations, required for admission to most institutions of higher education. There is a special entrance examination for those over 25 who do not have a *bachiller*.
- A₄ *Formacion Profesional-Secundo Grado* (intermediate level)—open to graduates of the lower level who have subsequently followed a *Curso de Transformacion*. This program may be as long as three years in length and leads to the *Tecnico Especialista*. Also open to holders of the *Bachillerato Superior* or the BUP. Graduates of the *segundo grado* may enroll in a COU and take the *pruebas de acceso* and, if successful, may then attend a tertiary-level institution.
- B *Escuela Universitaria* programs—three-year professional and technical programs in architecture, business, education, and engineering leading to the degrees of *arquitecto*, *tecnico*, *diplomado*, *professor*, and *ingeniero tecnico*, respectively. Programs require the COU for admission and are usually terminal; however, enactment of the Education Law should allow for transfer between the *Escuelas Universitarias* and the *Colegios Universitarios*.
- B₁ *Colegio Universitario* programs—three-year programs offering courses identical to those of the first three years (first cycle) of the standard Spanish university curriculum. No title or degree is conferred at the conclusion of these studies, but students may then go on to the second cycle at a university, which leads after two years to the *licenciado*, or to the third level of the *Formacion Profesional*, which, in turn, leads to the degree of *Technico Superior Diplomado*. Programs require the COU and the *pruebas de acceso* for admission.
- B₂ *Formacion Profesional-Tercer Grado* (higher level)—third stage of the vocational-technical educational track, normally one to two years in length. To gain entrance to this stage, students must have completed the *segundo grado* and, subsequently, a *Curso de transformacion*. Other students may enter from the *Colegio Universitario* programs. Graduates receive the degree of *Tecnico Superior Diplomado*. The *tercer grado* was added to the *Formacion Profesional* by the Education Law of 1970 to provide advanced and specialized training.
- C *Licenciatura/licenciado*—awarded after passing the second stage of higher education, i.e., after five years of tertiary education.
- C₁ *Titulo Profesional*—professional title awarded to graduates in engineering and architecture. Equivalent to the *licenciado* except that candidates complete a special project in the last year of study (*proyecto de fin de carrera*).
- D *Doctorado*—highest degree of higher education, awarded after completion of the third stage, normally two years in length after the *licenciado*. Students must complete a series of *cursos monograficos* (in-depth studies) and submit and defend a thesis.

Grading System

9-10	<i>Sobresaliente</i>	Excellent
7- 8.9	<i>Notable</i>	Very good
6- 6.9	<i>Bien</i>	Good
5- 5.9	<i>Suficiente or aprobado</i>	Satisfactory
0- 4.9	<i>Insuficiente or suspenso</i>	Failure

Spain

Admissions officers should not arbitrarily equate this grading scale with the U.S. system of A, B, C, D, and F. The range between 5 and 6.9 often reflects work of "B" quality and *suficiente* and *aprobado* cover a wider range than that represented by the U.S. range for "C." There is no equivalent for the U.S. grade "D" in the Spanish system. The top two or three students receiving *sobresaliente* in a particular subject are usually granted the special distinction of *Matricula de Honor*.

Other designations that may appear on a transcript are:

<i>Apto/no apto</i>	Pass/fail
<i>Convalidado</i>	Credit accepted in transfer
<i>Exento</i>	Exempted from taking course

Advice for Admissions Officers

- Applicants who have satisfactorily completed the *licenciado* may be considered for admission to graduate programs.

Sri Lanka

Educational System

Primary						Secondary						Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

- A Sri Lanka General Certificate of Education (Ordinary Level) Examination—awarded after completion of 10 years of primary-secondary study.
- A₁ Sri Lanka General Certificate of Education (Advanced Level) Examination—awarded after completion of 12 years of primary-secondary study.
- B B.A. (General), B.Sc. (General), B.Sc. (Built Environment)—awarded after completion of three years of tertiary study.
- B₁ B.A. (Special), B.Sc. (Special), B.Com., B.Sc. Engineering, B.Sc. (Agric.), B.V.Sc., B.D.S., B.Sc. (Public Administration), B.Sc. (Bus. Administration), B.Sc. (Est. Mgt. & Valuation), LL.B., B.Ed., B.Dev.—awarded after completion of four years of tertiary study.
- B₂ M.B.B.S., B.Sc. (Anatomy and Physiology)—awarded after completion of five years of tertiary study.
- B₃ Postgraduate Diploma in Education—awarded after completion of one year of tertiary study beyond a bachelor's degree.
- C M.A., M.Sc.—awarded after completion of one to two years of tertiary study beyond the B.A. (Special) or B.Sc. (Special).
- C₁ M.Phil.—awarded after completion of two years of tertiary study (minimum) beyond the B.A. (Special) or B.Sc. (Special).
- C₂ M.Phil., in the education field—awarded after completion of two or three years of full-time tertiary study beyond the B.A. or B.Sc. (Pass) or (Special), and one year of Postgraduate Diploma in Education.
- C₃ M.Ed.—awarded after completion of one or two years of full-time tertiary study beyond the B.A. or B.Sc. (Pass) or (Special), and one-year Postgraduate Diploma in Education.

- _____

C-1

- ## Grading System

Advice for Admissions Officers

- _____

Primary	Secondary	Tertiary
1. <i>Chlorophyll <i>a</i></i>	1. <i>Chlorophyll <i>a</i></i>	1. <i>Chlorophyll <i>a</i></i>
2. <i>Chlorophyll <i>b</i></i>	2. <i>Chlorophyll <i>b</i></i>	2. <i>Chlorophyll <i>b</i></i>
3. <i>Carotenoids</i>	3. <i>Carotenoids</i>	3. <i>Carotenoids</i>
4. <i>Xanthophylls</i>	4. <i>Xanthophylls</i>	4. <i>Xanthophylls</i>
5. <i>Phycocyanins</i>	5. <i>Phycocyanins</i>	5. <i>Phycocyanins</i>
6. <i>Peridinin</i>	6. <i>Peridinin</i>	6. <i>Peridinin</i>
7. <i>Algae</i>	7. <i>Algae</i>	7. <i>Algae</i>
8. <i>Phaeophytins</i>	8. <i>Phaeophytins</i>	8. <i>Phaeophytins</i>
9. <i>Phaeopigments</i>	9. <i>Phaeopigments</i>	9. <i>Phaeopigments</i>
10. <i>Phaeoerythrin</i>	10. <i>Phaeoerythrin</i>	10. <i>Phaeoerythrin</i>
11. <i>Phaeo-<i>a</i></i>	11. <i>Phaeo-<i>a</i></i>	11. <i>Phaeo-<i>a</i></i>
12. <i>Phaeo-<i>b</i></i>	12. <i>Phaeo-<i>b</i></i>	12. <i>Phaeo-<i>b</i></i>
13. <i>Phaeo-<i>c</i></i>	13. <i>Phaeo-<i>c</i></i>	13. <i>Phaeo-<i>c</i></i>
14. <i>Phaeo-<i>d</i></i>	14. <i>Phaeo-<i>d</i></i>	14. <i>Phaeo-<i>d</i></i>
15. <i>Phaeo-<i>e</i></i>	15. <i>Phaeo-<i>e</i></i>	15. <i>Phaeo-<i>e</i></i>
16. <i>Phaeo-<i>f</i></i>	16. <i>Phaeo-<i>f</i></i>	16. <i>Phaeo-<i>f</i></i>
17. <i>Phaeo-<i>g</i></i>	17. <i>Phaeo-<i>g</i></i>	17. <i>Phaeo-<i>g</i></i>
18. <i>Phaeo-<i>h</i></i>	18. <i>Phaeo-<i>h</i></i>	18. <i>Phaeo-<i>h</i></i>
19. <i>Phaeo-<i>i</i></i>	19. <i>Phaeo-<i>i</i></i>	19. <i>Phaeo-<i>i</i></i>
20. <i>Phaeo-<i>j</i></i>	20. <i>Phaeo-<i>j</i></i>	20. <i>Phaeo-<i>j</i></i>
21. <i>Phaeo-<i>k</i></i>	21. <i>Phaeo-<i>k</i></i>	21. <i>Phaeo-<i>k</i></i>
22. <i>Phaeo-<i>l</i></i>	22. <i>Phaeo-<i>l</i></i>	22. <i>Phaeo-<i>l</i></i>
23. <i>Phaeo-<i>m</i></i>	23. <i>Phaeo-<i>m</i></i>	23. <i>Phaeo-<i>m</i></i>
24. <i>Phaeo-<i>n</i></i>	24. <i>Phaeo-<i>n</i></i>	24. <i>Phaeo-<i>n</i></i>
25. <i>Phaeo-<i>o</i></i>	25. <i>Phaeo-<i>o</i></i>	25. <i>Phaeo-<i>o</i></i>
26. <i>Phaeo-<i>p</i></i>	26. <i>Phaeo-<i>p</i></i>	26. <i>Phaeo-<i>p</i></i>
27. <i>Phaeo-<i>q</i></i>	27. <i>Phaeo-<i>q</i></i>	27. <i>Phaeo-<i>q</i></i>
28. <i>Phaeo-<i>r</i></i>	28. <i>Phaeo-<i>r</i></i>	28. <i>Phaeo-<i>r</i></i>
29. <i>Phaeo-<i>s</i></i>	29. <i>Phaeo-<i>s</i></i>	29. <i>Phaeo-<i>s</i></i>
30. <i>Phaeo-<i>t</i></i>	30. <i>Phaeo-<i>t</i></i>	30. <i>Phaeo-<i>t</i></i>
31. <i>Phaeo-<i>u</i></i>	31. <i>Phaeo-<i>u</i></i>	31. <i>Phaeo-<i>u</i></i>
32. <i>Phaeo-<i>v</i></i>	32. <i>Phaeo-<i>v</i></i>	32. <i>Phaeo-<i>v</i></i>
33. <i>Phaeo-<i>w</i></i>	33. <i>Phaeo-<i>w</i></i>	33. <i>Phaeo-<i>w</i></i>
34. <i>Phaeo-<i>x</i></i>	34. <i>Phaeo-<i>x</i></i>	34. <i>Phaeo-<i>x</i></i>
35. <i>Phaeo-<i>y</i></i>	35. <i>Phaeo-<i>y</i></i>	35. <i>Phaeo-<i>y</i></i>
36. <i>Phaeo-<i>z</i></i>	36. <i>Phaeo-<i>z</i></i>	36. <i>Phaeo-<i>z</i></i>
37. <i>Phaeo-<i>aa</i></i>	37. <i>Phaeo-<i>aa</i></i>	37. <i>Phaeo-<i>aa</i></i>
38. <i>Phaeo-<i>ab</i></i>	38. <i>Phaeo-<i>ab</i></i>	38. <i>Phaeo-<i>ab</i></i>
39. <i>Phaeo-<i>ac</i></i>	39. <i>Phaeo-<i>ac</i></i>	39. <i>Phaeo-<i>ac</i></i>
40. <i>Phaeo-<i>ad</i></i>	40. <i>Phaeo-<i>ad</i></i>	40. <i>Phaeo-<i>ad</i></i>
41. <i>Phaeo-<i>ae</i></i>	41. <i>Phaeo-<i>ae</i></i>	41. <i>Phaeo-<i>ae</i></i>
42. <i>Phaeo-<i>af</i></i>	42. <i>Phaeo-<i>af</i></i>	42. <i>Phaeo-<i>af</i></i>
43. <i>Phaeo-<i>ag</i></i>	43. <i>Phaeo-<i>ag</i></i>	43. <i>Phaeo-<i>ag</i></i>
44. <i>Phaeo-<i>ah</i></i>	44. <i>Phaeo-<i>ah</i></i>	44. <i>Phaeo-<i>ah</i></i>
45. <i>Phaeo-<i>ai</i></i>	45. <i>Phaeo-<i>ai</i></i>	45. <i>Phaeo-<i>ai</i></i>
46. <i>Phaeo-<i>aj</i></i>	46. <i>Phaeo-<i>aj</i></i>	46. <i>Phaeo-<i>aj</i></i>
47. <i>Phaeo-<i>ak</i></i>	47. <i>Phaeo-<i>ak</i></i>	47. <i>Phaeo-<i>ak</i></i>
48. <i>Phaeo-<i>al</i></i>	48. <i>Phaeo-<i>al</i></i>	48. <i>Phaeo-<i>al</i></i>
49. <i>Phaeo-<i>am</i></i>	49. <i>Phaeo-<i>am</i></i>	49. <i>Phaeo-<i>am</i></i>
50. <i>Phaeo-<i>an</i></i>	50. <i>Phaeo-<i>an</i></i>	50. <i>Phaeo-<i>an</i></i>
51. <i>Phaeo-<i>ao</i></i>	51. <i>Phaeo-<i>ao</i></i>	51. <i>Phaeo-<i>ao</i></i>
52. <i>Phaeo-<i>ap</i></i>	52. <i>Phaeo-<i>ap</i></i>	52. <i>Phaeo-<i>ap</i></i>
53. <i>Phaeo-<i>aq</i></i>	53. <i>Phaeo-<i>aq</i></i>	53. <i>Phaeo-<i>aq</i></i>
54. <i>Phaeo-<i>ar</i></i>	54. <i>Phaeo-<i>ar</i></i>	54. <i>Phaeo-<i>ar</i></i>
55. <i>Phaeo-</i>		

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Suriname

Swaziland

1	2	3	4	5	6	7	8	9	10	11	12	13	13.5	14	15	16	17	18
									A	A ₁	A ₂	B	B ₁	B ₅	B ₉	C	D	D ₁
										A ₃		B ₂		B ₆		C ₁		D ₂
										A ₄		B ₃		B ₇				
											B ₄			B ₈				

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Swaziland

- B₈ Certificate in Statistics (Cert.Stat.)—awarded after two years of part-time university education beyond COSC.
- B₉ Technician—awarded for three years of education in automotive studies, electrical engineering, librarianship, lab. science, etc., beyond the COSC.
- C Bachelor's degree (B.A., B.Sc., B.Com., B.Ed. (Sec.), B.Ed (Prim.), B.Sc. (Agric.), B.Sc. (Ag. Ed.), B.A. Law—awarded for four years of full-time study beyond the COSC.
- C₁ Diploma in Education—awarded concurrently with general B.A./B.Sc.
- D M.A./Diploma in Education (Dip. Ed.)—awarded for one year full-time or two years part-time study beyond the bachelor's degree.
- D₁ M.Ed.—awarded for two years of part-time study beyond the B.Ed. plus two years of professional experience.
- D₂ M.Sc./LL.B.—awarded for two years of full-time study beyond the bachelor's degree.

Grading System

A	80–100%	Outstanding
B	70– 79%	Very good
C	60– 69%	Good
D	50– 59%	Pass
E	40– 49%	Failure (can be supplemented)
F	below 40%	

Classes of degrees:

I	First class	A
II(i)	Second class, first division	B +
II(ii)	Second class, second division	B –
P	Pass	C
F	Failure	

Advice for Admissions Officers

- Holders of a bachelor's degree may be considered for admission to appropriate graduate programs.
- Holders of the Diploma in Education may be considered for graduate admission with no advanced standing.
- Holders of a master's degree may be considered to have a degree comparable to a U.S. master's degree.

Additional Sources of Information

Cranmer, David and Woolston, Valerie A., *Southern Africa*. WES, AACRAO, 1980.
Ministry of Education Annual Report. Mbabane, 1984.

Sweden

Primary								Secondary				Tertiary								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16.5	17	17.5	18	19
										A	A	A	B	B	C		D	E	G	
														C	C ₁			F		H

- A *Avångsabetyg*—secondary school leaving certificate, awarded upon completion of two to four years of upper secondary education. Most theoretically oriented courses of study preparing students for university-level work are three years in length.
- B _____ *examen* (ex. *sjukskoterskeexamen*—nursing certificate), *Hogskoleexamen* _____ *pa linjen* (ex. *hogskoleexamen pa sekretarilinen*—secretarial certificate)—translated in official Swedish documents as university certificates, these programs of study last from two to three years, with fewer than 120 points earned. Normal progress is 20 points earned per semester.
- C _____ *examen* (ex. *ekonomexamen*—degree in business administration and economics), *Hogskoleexamen pa _____ linjen* (ex. *hogskoleexamen pa matematikerlinjen*—degree in mathematics), *Filosofie kandidatexamen*—university degree, awarded upon completion of programs of study lasting from three to four years, with at least 120 points but fewer than 160 points earned. These degrees are translated in official Swedish documents as Bachelors of Arts/Sciences. This category includes most arts and sciences degrees and education degrees for teaching in compulsory school.
- C₁ _____ *examen* (ex. *civilingenjorsexamen pa elektrotekniklinjen*—degree in electrical engineering), *Hogskoleexamen pa _____ linjen* (ex. *hogskoleexamen pa musikerlinjen*—fine arts degree in music)—university degree, awarded upon completion of programs of study lasting four years with at least 160 points earned. These degrees are translated in official Swedish documents as Master of Arts/Sciences. This category includes most engineering, fine arts and music degrees, education degrees for teaching at the upper secondary level, and the architecture and pharmacy degrees.
- D *Juristexamen* (degree in law)—awarded after a program of study of four and one-half years with at least 180 points earned.
- E *Tandlakareexamen* (dental degree)—awarded after a program of study of five years with at least 200 points earned.
- F *Filosofie Licenciexamen*—second university degree, awarded after two years of study in a single subject beyond the *filosofie kandidatexamen* or other degree in category C above. Official total length of study is five years.
- G *Veterinarexamen* (degree in veterinary medicine), *Lakarexamen* (medical degree), *Agronomexamen* (degree in agriculture)—university degree, awarded upon completion of programs of study lasting five and one-half years.
- H *Filosofie Doktorsexamen*—highest university degree, awarded after four years of study and research in a single subject beyond the *filosofie kandidatexamen* level. Official total length of study is seven years.

Grading System

<i>Val godkand</i>	Pass with distinction
<i>Godkand</i>	Pass
<i>Icke godkand</i>	No pass

Sweden

Icke godkänd or failing grades are not recorded. If students do not pass an exam, they may retake it until they succeed. However, students must achieve a minimum of 40 points during three semesters of full-time study or their progress is subject to review.

Exceptions: most graduate-level courses are normally graded on a pass/fail basis, and some of the institutes of technology use various numerical grading scales.

Advice for Admissions Officers

- Students holding a *filosofie kandidatexamen* or university degree requiring four or more years of study may be considered for admission to U.S. graduate programs.
- Students holding a *filosofie licentiatexamen* should be considered to have the equivalent of a U.S. master's degree.
- Students holding the *filosofie doktorsexamen* should be considered for postdoctoral studies.

Additional Sources of Information

Educational Reforms in Sweden, Reviews of National Policies for Education. OECD, 1981. *Fact Sheets on Sweden*. The Swedish Institute (available from Swedish consulates in the U.S.):

Primary and Secondary Education in Sweden, 1985. High Education in Sweden, 1985.

Marklund, Sixten and Gunnar Bergendal, *Trends in Swedish Educational Policy*. The Swedish Institute, Uddevalla, 1979.

Stenholm, Britta, *The Swedish School System*. The Swedish Institute, Uppsala, 1984.

Various booklets and brochures from the National Board of Universities and Colleges:

Brief Survey of Higher Education in Sweden, The Admissions System. Higher Education and Research in Sweden, Some Facts and Figures. Looking at Learning, Higher Education and Research in the Swedish Society.

Further information may be obtained from:

The National Board of Universities and Colleges (UHA)

P.O. Box 44501

104 30 Stockholm

SWEDEN

Switzerland

Educational System

Primary					Secondary lower					Secondary upper					Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	12.5	13	14	15	16	17	17.5	18	19	20
											</										

A *Maturitat/Certificat de Maturite/Attestato di Maturita* (Maturity Certificate)—either federal or cantonal—awarded upon completion of 12, 12.5, or 13 years of

Switzerland

schooling. The Federal Maturity Certificate gives unrestricted admission to any university program; the cantonal certificate gives limited admission to a university.

- A₁ *Handelsmaturitat/Maturite Commerciale/Maturita Commercio* (Cantonal Commercial Maturity Certificate)—awarded upon completion of 13 years of full-time schooling.
- B *Primarlehrerpatent/Brevet d'enseignement primaire/Patente di maestro di Scuola Elementaire* (Primary Teacher Certificate)—awarded upon completion of 13 to 14 years of schooling.
- B₁ *Ingenieur HTL/Ingegnere STS/Ingenieur ETS; Betriebsokom HWV/Economist d'entreprise ESCEA* (Diploma from Higher Schools of Agriculture, Business Administration, and Engineering)—awarded upon completion of three years of tertiary study beyond secondary vocational training.
- C *Licence/Diplom* (university diploma)—awarded upon completion of three to five years of university study.
- C₁ *Zahnarzt/Diplome de Medecin-dentist; Apotheker/Pharmacien diplome; Tierarzt/Diplome de Medecin veterinaire* (dentist, pharmacist, veterinarian diploma)—awarded upon completion of five to five and one-half years of university study; first professional degree in the field.
- D *Arzt, Diplome de medecin* (physician's diploma)—awarded upon completion of a six-year university program.
- E *Doktorat/Docteur* (doctorate)—awarded upon completion of at least two years of additional study, research, and submission of a dissertation.

Grading System

Grading scales most frequently used			Suggested U.S. equivalent
<u>10-1</u>	<u>6-1</u>	<u>1-5</u>	
10	6	1	A
9			
8	5	2	B
7			
6	4	3	C
5			
4	3	4	D
3			
2	2	5	F
1	1		

Advice for Admissions Officers

- Holders of a three-year diploma from a higher college of agriculture, higher college of engineering, or a higher college of business administration may be considered for undergraduate admission with transfer credit on a course-by-course basis.
- Holders of a three-year university degree may be considered for graduate admission. Depending on the relevancy of the degree major to the graduate program desired, there may be some undergraduate deficiencies.
- Holders of a four-year or five-year university degree may be considered for graduate admission with possible graduate transfer credit determined on a course-by-course basis.
- A professional medical degree (dentist, pharmacist, physician, veterinarian) may be considered comparable to a professional degree in the same field from a U.S. institution.
- A doctorate degree may be considered comparable to a U.S. Ph.D.

Additional Sources of Information

Dickey, Karlene N. *Switzerland: A Study of the Educational System of Switzerland and a Guide to the Academic Placement of Students from Switzerland in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1981.

Educational System

- A *Baccalaureat* (general secondary certificate)—awarded upon completion of 12 years of primary-secondary education.
- A₁ Technical certificate of secondary education—awarded upon completion of 12 years of primary-secondary education in technical and vocational fields. Most holders of this degree are not eligible for entrance to a university.
- A₂ Primary teaching certificate—awarded upon completion of 13 years (9 primary and intermediate plus 4 in teacher training or a special one-year program for *baccalaureat* holders).
- B Certificate/diploma from an intermediate institute. Primary Teacher Certificate—awarded upon completion of a two-year postsecondary program.
- C *Licentiate* (B.A. or B.S.)—awarded upon completion of a four- or five-year postsecondary program.
- C₁ *Licentiate* (in engineering, architecture, pharmacy, dental surgery, veterinary science)—awarded upon completion of five years of postsecondary study.
- C₂ *Licentiate* (Doctor of Medicine and B.A. in medicine)—represents completion of a six-year program of postsecondary study.
- D *Diplom* or diploma of postgraduate studies—awarded upon completion of the first year of a two-year master's degree program.
- D₁ General diploma of postgraduate studies in education—awarded upon completion of a two-year program beyond the *licentiate*.
- D₂ Master (of arts or science)—awarded upon completion of a two-year graduate program or, in some cases, one year beyond a postgraduate *diplom*.
- D₃ Special diploma in education—awarded upon completion of a one-year program beyond the general diploma of postgraduate studies in education.
- D₄ Diploma in postgraduate study in dentistry—awarded upon completion of a two-year residency program in dentistry.
- D₅ Diploma of professional medicine—awarded upon completion of a two-year residency program in medicine.
- E Ph.D or doctorate—awarded upon completion of a two-year program beyond the master's degree.

Syria

Advice for Admissions Officers

- ### Additional Sources of Information

Educational System

Primary						Secondary						Tertiary									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
										A		B		B ₂	C	B ₄	B ₅	C ₃	D	E	E
										A ₁		B ₁		B ₃		C ₁	C ₂	D	E		
																	D				

- Taiwan

Taiwan

- C₁ Bachelor's degree: B.S. in Pharmacy, B.S. in Architectural Engineering, Bachelor of Law, B.S. in Education, Bachelor of Veterinary Medicine—first university degree, awarded after completion of five years of tertiary education.
- C₂ Bachelor's degree: Bachelor of Medicine in Dentistry, Bachelor of Dentistry—first university degree in dentistry, awarded after six years of tertiary education.
- C₃ Bachelor's degree: Bachelor of Medicine—first university degree in medicine, awarded after seven years of tertiary education.
- D Master's degree: M.A. in liberal arts, business, education, or law; M.S. in medicine, dentistry, Chinese pharmacy, or Chinese medical science—second university degree, awarded upon completion of two to four years of tertiary education including thesis.
- E Doctoral degree: Doctor of Philosophy—third university degree, awarded after completion of three to six years of tertiary education including dissertation.

Note: Students may enter five- or six-year junior college programs following junior high school. Other junior college programs may be entered after completion of grade 12.

Grading System

A	80–100	
B	70– 79	
C	60– 69	(Lowest passing grade is 60)
D	50– 59	(Make-up exam possible. Grade of 60 is the highest mark recorded regardless of the actual score obtained.)
Failure	0– 49	

The minimum passing grade in graduate school is 70. Courses with grades below 60 must be repeated. Students with a grade between 60 and 69 may sit for a make-up examination, but 70 is the highest grade a student can earn on this exam. A student who has an average below 65 for an academic year is not eligible for the make-up exam and will be dismissed. The minimum average grade in some science curriculums is 70. No make-up examinations for grades below 70 are permitted.

Advice for Admissions Officers

- A bachelor's degree is the minimum requirement for admission to graduate and professional degree programs.

Additional Sources of Information

Kennedy, Patrick Jr., *The Republic of China (Taiwan): A Study of the Educational System of the Republic of China and A Guide to the Academic Placement of Students in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1977.

Tanzania

- A Teaching Certificate Grade C—awarded after completion of seven years of primary education plus two years of teacher training.
- A₁ National Tanzanian Form IV Certificate—awarded after completion of four years of secondary education.
- A₂ Cambridge School or GCE Certificate—awarded after completion of four years of secondary education.
- A₃ East African Certificate of Education, Ordinary Level—awarded after completion of four years of secondary education.
- A₄ Teaching Certificate Grade B—awarded after completion of two years of secondary education and two years of teacher training.
- A₅ National Tanzanian Form VI Certificate, Advanced Level—awarded after completion of two years of higher or upper secondary school.
- A₆ Cambridge School or GCE Certificate, Advanced Level—awarded after completion of two years of higher or upper secondary school.
- A₇ Teaching Certificate Grade A—awarded after completion of two years of further studies of general education and teaching practice.
- B Certificates/diplomas from postsecondary vocational, technical, and professional schools—awarded after two to three years of study beyond Form IV.
- B₁ Certificates/diplomas from postsecondary vocational, technical, and professional schools (university-level)—awarded after one or three years of study beyond Form VI.
- B₂ Staff nurse certificate—awarded after four years of study beyond the 11th year certificates.
- B₃ National Teacher Training Diploma—awarded after completion of two years of study beyond Form VI. Diploma holders teach in the lower forms of secondary school.
- C Bachelor of Laws (LL.B.), Bachelor of Arts, Bachelor of Science, Bachelor of Pharmacy, Bachelor of Commerce—first university degree, awarded upon completion of three years of full-time tertiary education beyond advanced-level certificates.
- C₁ Bachelor of Veterinary Medicine, Bachelor of Science (Engineering), Bachelor of Arts (Education), Bachelor of Science (Education)—first university degree, awarded after completion of four years of full-time tertiary education beyond advanced-level certificates.
- C₂ Postgraduate diploma—one- to three-year program beyond a bachelor's degree.
- C₃ Doctor of Medicine, Doctor of Dental Surgery—first professional degree in medicine and dentistry, awarded after five years of full-time tertiary study beyond advance-level certificates.
- D Master of Arts, Master of Science, Master of Laws (LL.M.), M.B.A.—second university degree, awarded after one to three years of coursework and thesis.

Tanzania

- D₁ Master of Medicine—three- to five-year program beyond the Doctor of Medicine.
- E Ph.D.—third university degree, awarded after a minimum of two years' residence and thesis beyond first or second class honours bachelor's degree, master's degree, or M.D.

Grading System

University of Dar Es Salaam

- A Excellent
 B+ Very good
 B Good
 C Satisfactory
 D Fail
 E Fail

Degree Classifications:

- First Class Honours
 Second Class Honours-Upper Division
 Second Class Honours-Lower Division
 Third Class Honours
 Pass

Master's and Ph.D. are not classified.

Advice for Admissions Officers

- Candidates for graduate admission should hold a bachelor's degree to be considered for admission to graduate studies in the United States. Advanced graduate credit may be considered for students holding postgraduate certificates and diplomas.

Thailand

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
											A	A ₂	B	B ₁	C	C	D	E ₁	F	F	F
											A ₁			B ₂		E	E				
																E ₂	E ₁				
																	E ₂				

- A *Mathayom Suksa 5*, *Mathayom 6*—titles of the secondary school leaving certificate and examination given after 12 total years of schooling. The *Mathayom Suksa 5* is obtained after seven years of primary and five years of secondary education. Educational revisions beginning in 1978 reorganized the system into six years of primary and six years of secondary education, terminating in the *Mathayom 6*. Applicants to universities (except for *Ramkhamhaeng* and *Sukhothai*) must sit for a national entrance examination, the JHEEE (Joint Higher Education Entrance Examination).

- A₁ Certificate of Education—awarded after two years of study beyond *Mathayom Suksa 3* (grade 10). Before 1981, qualification necessary for teaching at the primary and lower secondary levels. Being phased out in favor of the Higher Certificate of Education.
- A₂ *Mathayom Suksa 6*—vocational secondary examination and certificate, obtained after 13 years of primary and secondary education. Will be eliminated when the new education system is implemented.
- B Higher Certificate of Education—awarded after two years of postsecondary study. Qualification necessary for teaching at the primary and lower secondary levels after 1981.
- B₁ Postsecondary diplomas—awarded either two years after the M.S. 6 (grade 13) as the Vocational Secondary Certificate or three years after the M.S. 5 (grade 12) as the General Secondary Certificate. These degrees fall into two categories: certificates, which emphasize manual training and produce skilled workers and are generally obtained from “schools”; and diplomas, which consist of both theoretical and practical training, are obtained from “institutes,” and which produce graduates who may choose employment or admission to the third year of a five-year Bachelor of Engineering program.
- B₂ Associate’s degree—intermediate degree obtained in some fields of study after the third year of studies leading to a bachelor’s degree.
- C Bachelor’s degree—first university degree, usually four years of postsecondary study, but five in architecture, painting, sculpture, graphic arts, and pharmacy. Awarded as “pass” or “honours” depending on quality of work. The Bachelor’s in Education may be a four-year university degree or may be an equivalent degree consisting of the Higher Certificate of Education plus two years of university study.
- D Doctor of Medicine—awarded upon completion of six years of university study.
- E Postgraduate diplomas—awarded upon completion of one year of full-time study beyond the bachelor’s degree.
- E₁ Diploma of the Asian Institute of Technology—postgraduate diploma awarded after two years of study beyond the bachelor’s degree.
- E₂ Master’s degree—awarded upon one or usually two years of study beyond the bachelor’s degree, and upon the presentation of a thesis.
- F Doctor’s degree (doctorate)—awarded upon completion of two to four years of full-time study, plus a dissertation, beyond the master’s degree.

Grading System

Thai universities grade on the familiar A to F or A to E scale, with corresponding numerical equivalencies. Universities may assign different translations to these grades, for instance an “A” may be translated as “excellent” or “very good,” depending on the institution.

Advice for Admissions Officers

- Applicants who have completed a bachelor’s degree may be considered for graduate admission.
- Applicants who have completed a postgraduate diploma program may be considered for graduate admission with no transfer credit.
- Applicants who have received a master’s degree may be considered to have a degree equivalent to a U.S. master’s degree.
- Applicants who have received the first professional degree in dentistry, medicine, or veterinary medicine may be considered for graduate admission.
- Applicants who have received the Ed.D. (Doctor of Education) may be considered to have a degree comparable to an Ed.D in the United States.

Thailand

- Applicants who have received the Ph.D. may be considered to have a degree comparable to a Ph.D. in the United States. Applicants who have completed the Diploma of the Asian Institute of Technology (AIT) may be considered for graduate admission with transfer credit on a course-by-course basis. Master's degrees and doctorates issued by the AIT are comparable to U.S. master's degrees and professional doctorates, respectively.

Additional Sources of Information

Johnson, J. K., *Thailand: A study of the Educational System of Thailand and a Guide to the Academic Placement of Students from Thailand in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1978.

Trinidad
and Tobago

Educational System

Primary				Secondary				Tertiary										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
										A		A ₁		B	C ₁	C ₂	D	E
												A ₂		C		D	E	

- A General Certificate of Education (GCE) Ordinary Level Examinations, Caribbean Examination Council (CXC) Secondary Education Certificate—awarded on completion of Form V (six years of elementary and five years of secondary education).
- A₁ General Certificate of Education Advanced Level Examinations—awarded on completion of Form VI (two years beyond GCE “O” level—CXC examinations).
- A₂ Teacher training college diploma—awarded on completion of two years of study after “O” levels—CXC examinations. Academic work may be considered comparable to “A” level studies.
- B Bachelor of Theology (Caribbean Union College)—awarded on completion of four years of study after “O” level (CXC examinations). Not recognized by the Ministry of Education, but approved by Seventh Day Adventist Board of Regents.
- C Bachelor’s degree—four years of study beyond Form V. First year is referred to as preliminary (P) or natural science (N1) year.
- C₁ Bachelor’s degree—three years of study following “A” level examinations.
- C₂ Diploma in Education (Dip. Ed.)—in-service program for practicing but untrained teachers who hold a bachelor’s degree.
- D Master’s degree—two years of study following bachelor’s degree plus thesis.
- E Doctorate—three years of study following bachelor’s degree plus thesis.

Grading System

Tertiary subject grading:

A, B, C (includes +, -) or Fail.

Bachelor's degrees are awarded in the following way:

Advice for Admissions Officers

- ### Additional Sources of Information

Educational System

*time not specified

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Tunisia

- C₂ *Diplome* (in agriculture, art, business, pilot training, education, commerce, and interpretation and translation)—awarded upon completion of four years of tertiary education.
- C₃ *Diplome* in military science—awarded upon completion of a five-year program at the military academy.
- C₄ *Diplome d'Ingenieur*—awarded upon completion of four to six years of university engineering study.
- D *Doctorat en Medecine, Doctorat en Medecine Veterinaire*—first professional degree, awarded upon completion of six years of study.
- E *Diplome* in Architecture and Town Planning—awarded upon completion of seven years of tertiary education.
- F *Certificat d'Aptitude de Recherche (CAR)*—second university degree, awarded upon completion of one year of research and presentation of thesis in the Faculty of Letters.
- F₁ *Attestation des Etudes Approfondies*—second university degree, awarded upon completion of one year of independent laboratory research supported by coursework and examinations in the Faculty of Science.
- F₂ *Diplome d'Etudes Approfondies*—awarded upon completion of one to two years of advanced study beyond a first degree.
- F₂ *Diplome d'Etudes Superieures*—second university degree, awarded upon completion of one year of coursework plus oral examinations and a thesis.
- F₄ *Diplome de Technicien Supérieur en Sciences économiques et de gestion* (Higher Technical Diploma in Economic Sciences and Business)—awarded upon completion of two years of study beyond the *licence*.
- G *Diplome de Recherches Approfondies (DRA)*—awarded upon completion of the CAR following two years of coursework plus research and presentation of thesis in the Faculty of Letters.
- G₁ *Doctorat de Spécialité*—awarded upon presentation of thesis representing two years of independent research in one of the sciences.
- G₂ *Doctorat d'Etat*—awarded after presentation and defense of a major original work entailing a minimum of five years' research.

Grading System

Grading is highly selective. Depending on the faculty, as few as 10% may successfully complete degree requirements.

	<i>Tres bien</i>	16–20 (seldom achieved)
Honors (Mention)	<i>Bien</i>	14–15
	<i>Assez bien</i>	12–13
Pass		10–11
Fail		0–9

Promotion (Pass) is a sign of achievement, not a minimal performance, thus corresponds more to a C in the U.S. system than to a D.

Advice for Admissions Officers

- A *licence* or *maitrise* or a four-year diploma is the minimum requirement for admission to graduate and professional degree programs.

Additional Sources of Information

Schmida, Leslie C., *Education in the Middle East*. AMIDEAST, Washington, D.C., 1983.
Institutional Profiles, AMIDEAST.

Turkey

- A *Devlet Lise Diploması*—state secondary school diploma, awarded after completion of five years of primary school, three years of lower secondary school, and three years of upper secondary school. Other titles for secondary diploma are: *Teknik Lise*, *Meslik Lise*, and *Lise Bitirme Diploması*. Applicants to Turkish universities must hold the secondary diploma and must also take the *universiteler arası secme sınavında basarı* (USS), an intrauniversity entrance examination.
- B Teacher qualification (primary)—awarded after one year of postsecondary study.
- B₁ Teacher qualification (lower secondary)—awarded after two years of postsecondary study.
- B₂ Teacher qualification (upper secondary)—awarded after three years of postsecondary study.
- B₃ Diplomas—awarded by universities and other tertiary institutions after two to four years of postsecondary study.
- B₄ *Yüksek öğretmen okulu diploması*—teaching certificate awarded after completion of four years of postsecondary study.
- C *Lisans diploması*—bachelor's degree, awarded after four years of postsecondary study.
- C₁ *Lisans diploması*—bachelor's degree, awarded after five years of postsecondary study in several fields.
- C₂ *Mühendis diploması*—engineering qualification awarded by technical universities and higher technical institutions after four to five years of postsecondary study.
- D *Yüksek lisans diploması*—master's degree, awarded after completion of one to two years of study beyond the *lisans diploması*.
- D₁ *Yüksek mühendi diploması*—higher engineer's diploma, awarded after one to two years of study beyond the *mühendis diploması*.
- E *Doktor*—medical qualification awarded after at least six years of study.
- F *Doktora*—awarded after completion of two to four years of study beyond the *lisans* diploma, individual research, and defense of a thesis.

Turkish Scale		Approx. U.S. equivalent
9-10	<i>pekiyi</i> Excellent	A
7- 8	<i>iyi</i> Good	B
5- 6	<i>orta</i> Average	C
0- 4	<i>gecmez</i> Failure	F

- Applicants holding the *lisans diplomasi* (bachelor's degree) or the *muhendis diplomasi* (engineering degree) may be considered for graduate admission. It is recommended that an applicant holding a Turkish *lisans* or other type of university degree of more than four years' duration be considered for graduate admission, with the possibility of advanced standing graduate-level credit to be determined on an individual basis.
- The *yuksek lisans diplomasi* and the *yuksek muhendis diplomasi* are equivalent to U.S. master's degrees. The Turkish *doktora* degrees in some cases approximate the U.S. master's degree and in others are similar to the U.S. Ph.D. It is recommended that the academic records of the *doktora* graduate be reviewed carefully to determine how many years of postsecondary work have been completed, how much formal coursework was required, and what research requirements were fulfilled.

Frey, James S., *Turkey*. WES, 1972.

Primary			Secondary					Tertiary													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17.5	18	19	20	21
										A	B	A ₁	B	B	C	C ₁	D	D	F	H	G
											B						E				

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Uganda

- G Master's of Medicine—awarded after completion of three years of research and courses in medicine beyond the Bachelor of Medicine.
- H Doctor of Philosophy—awarded after completion of two years of study beyond the master's degree (D) and after submission of a thesis. (Higher doctorates are awarded in science and literature on published and unpublished works.)

Grading System

All degrees except the Bachelor of Medicine (MB ChB) and the Bachelor of Veterinary Medicine (BVM) may be awarded with Honours as follows:

Class I		70–100
Class II	Division I	60– 69
Class II	Division II	50– 59
or as a		
Pass Degree		40– 49

The MB ChB and BVM may be awarded with Distinction or Credit.

Advice for Admissions Officers

- Applicants holding the bachelor's degree may be considered for graduate admission.

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
											A		B		C	D
															C ₁	D ₁

- A *Shahadat al-thanawiya* or *thanawiya* (secondary school certificate), secondary school teachers diploma*, secondary technical school diploma, secondary agricultural school diploma, secondary commercial school diploma—awarded upon completion of 12 years of primary-secondary education.
- B Teacher training center certificate*—awarded upon completion of a two-year part-time program.
- C Bachelor's degree (B.A., B.Sc.)—awarded upon completion of a four-year program.
- C₁ *Licentiate*—awarded upon completion of a four-year program in law and in *Shair'ah* (Islamic law).
- D Diploma in education—awarded upon completion of a one-year program beyond the bachelor's degree.
- D₁ Diploma in educational supervision—awarded upon completion of a one-year program beyond the bachelor's degree.

*Teacher training institutes at the secondary level were in operation from 1966 to 1979. They were replaced by teacher training centers that provided a four-week course (16 class hours) for those teaching K-3, or a two-year part-time education program for those teaching grades 4-6.

United Arab Emirates

A	Distinction	90–100%	4 points
B	Very good	80– 89%	3 points
C	Good	70– 79%	2 points
D	Pass	60– 69%	1 point
F	Fail	0– 59%	0 points
W	Withdraw		
IN	Incomplete		

- A bachelor's degree or *licentiate* is the minimum requirement for admission to graduate and professional degree programs.
- Diploma programs in education and educational supervision should be considered as postbaccalaureate certification programs.

Johnson, J.K., (ed.), *The Admission and Academic Placement of Students from: Bahrain, Oman, Qatar, United Arab Emirates, Yemen Arab Republic, A Workshop Report: October – November 1983*. AACRAO/NAFSA, Washington, 1984.

Clark, Dean O., and Robert Anton Mertz, *The Coastal Countries of the Arabian Peninsula: Kuwait, Bahrain, Qatar, United Arab Emirates, Sultanate of Oman, People's Democratic Republic of Yemen and Yemen Arab Republic*. WES, AACRAO, Washington, 1974.

Primary (Standards)						Secondary (Forms)						VI Form			Tertiary						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
England, Wales, Northern Ireland																					
Scotland																					
												A	A ₃	A ₆	B	B ₂	B ₂	C ₂	D	D ₂	F ₁ *
												A ₁	A ₄	A ₇		B ₃	C	C ₃	D ₁	E ₂	
												A ₂	A ₅	B			C ₁	C ₄	E	F	
														B ₁				C ₅	E ₁		
																		C ₆	E ₂		
																		E			
																		E ₁			
																		E ₂			

A General Certificate of Education, Ordinary Level (GCE-O)—awarded upon completion of 11 years of education to students who pass examinations in one

to 10 subjects. Since 1988, the name has been changed to General Certificate of Secondary Education (GCSE).

- A₁ Scottish Certificate of Education, Ordinary Grade (SCE-O)—awarded upon completion of 11 years of education to students who pass examinations in one to 10 subjects.
- A₂ Certificate of Secondary Education (CSE)—awarded upon completion of 11 years of education to students who pass examinations in one to ten subjects. Since 1988, has been replaced by the GCSE (see A).
- A₃ Scottish Certificate of Education, Higher Grade (SCE-H)—awarded upon completion of one additional year of secondary education to students who pass examinations in one to four subjects.
- A₄ Certificate of Extended Education (CEE)—awarded upon completion of one additional year of secondary education to students who pass examinations in one to three subjects. (This experimental examination was conducted for a trial period in the late 1970s and early 1980s.)
- A₅ General Certificate of Education, AO Level (GCE-AO)—awarded upon completion of one additional year of secondary education to students who pass examinations in one to three subjects.
- A₆ General Certificate of Education, Advanced Level (GCE-A)—awarded upon completion of two additional years of secondary education to students who pass examinations in one to three subjects.
- A₇ Certificate of Sixth Year Studies (CSYS)—awarded in Scotland upon completion of a sixth year of secondary education to students who pass examinations in one to four subjects.
- B Ordinary National Certificate—awarded upon completion of two years of part-time studies.
- B₁ Higher National Certificate (HNC)—awarded upon completion of two to three years of part-time study.
- B₂ Higher National Diploma (HND)—awarded upon completion of two or three years of full-time study.
- B₃ Diploma in Higher Education (Dip. HE)—awarded upon completion of two years of study beyond GCE "A" levels.
- C Bachelor's degree—first degree, awarded upon completion of three years of tertiary education beyond the GCE "A" levels.
- C₁ M.A. (ordinary), B.A. or B.Sc. (general)—awarded upon completion of three years of study beyond the Scottish Certificate of Education.
- C₂ M.A. (honours), B.A. or B.Sc. (honours)—awarded upon completion of four years of study beyond the Scottish Certificate of Education.
- C₃ Bachelor of Education (B.Ed.)—first degree, awarded upon completion of four years of tertiary education beyond GCE "A" levels and incorporating an extensive period of teacher training.
- C₄ Bachelor of Engineering (B.Eng.)—first degree, awarded upon completion of four years of tertiary education beyond GCE "A" levels.
- C₅ Bachelor of Science in Engineering, Bachelor of Science in Technology—first degree, awarded by certain technological universities upon completion of four years of tertiary education beyond GCE "A" levels, incorporating periods of training in industry.
- C₆ Bachelor's degree in fine arts, bachelor's degree in language—first degree, awarded upon completion of four years of tertiary education beyond GCE "A" levels. In the case of a language degree, it incorporates a period of time spent in a country where the language is spoken.
- D Bachelor of Dental Surgery (BDS)—first degree, awarded upon completion of five years of tertiary education beyond GCE "A" levels; includes clinical experience.
- D₁ Bachelor of Veterinary Medicine (BVet.Med.)—first degree, awarded upon completion of five years of tertiary education beyond GCE "A" levels; incorporates clinical experience.

United Kingdom

- D₂ Bachelor of Medicine, Bachelor of Surgery (MB BS)—first degree, awarded upon completion of six years of tertiary education beyond GCE "A" levels; incorporates clinical experience.
- E Bachelor of Literature (B.Litt.), Bachelor of Philosophy (B.Phil.)—second degree, awarded by certain universities upon completion of one year of study beyond the first degree.
- E₁ M.A., M.Sc., M.Phil.—awarded upon completion of one or two years of tertiary education beyond the first degree in England and Wales. (The M.A. from Oxford and Cambridge universities is an honorary degree.)
- E₂ M.App. Sci., M.Litt., M.Phil., M.Sc., M.A.—awarded upon completion of one to two years of study beyond a first degree in Scotland.
- F Master of Philosophy (M.Phil.), Doctor of Philosophy (Ph.D.)—higher degrees, awarded after three or more years of research and study beyond the first degree (the longer period is the norm).
- F₁ Senior or Higher Doctorate (D.Litt., D.Sc., LL.D.)—awarded in recognition of an outstanding contribution to scholarship on the basis of published work.

Grading System

Bachelor's degree

Most honours degrees and many pass degrees are classified, and the classes are a guide to the quality of a student's performance. The most common pattern is as follows:

First Class Honours
 Second Class Honours Upper Division
 Second Class Honours Lower Division
 Third Class Honours
 Pass

It is not possible to indicate the numerical or percentage equivalents of these divisions for each university. Bearing in mind that throughout the British system marking is harsh, it would be reasonable to assume that the following is a fairly accurate correlation:

First Class Honours	72-100	A
Second Class Honours Upper Division	62- 71	A-/B+
Second Class Honours Lower Division	53- 61	B/B-
Third Class Honours	42- 52	C+
Pass	38- 41	C

The considerable variation between one university and another means that the minimum pass mark could be as low as 35 or as high as 40.

Advice for Admissions Officers

- Holders of a three-year university first degree from England and Wales or a four-year university first degree from Scotland may be considered for graduate admission.
- Higher degrees (master's, but also B.Litt., B.Phil.) requiring a first degree for admission may be considered comparable to U.S. master's degrees.
- Doctoral degrees may be considered comparable to U.S. doctorates.

United Kingdom

Polytechnic Courses Handbook: England and Wales, 1987-88, 16th ed., Committee of Directors of Polytechnics, London, 1986.

Uruguay

Primary						Secondary											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
										Ciclo Diversi- ficado							
						Ciclo Basico											
											A		B	B ₁ B ₂	B ₃ C	C ₁	C ₂

- A *Bachiller*—awarded upon completion of six years of secondary education.
- B *Bachiller Tecnico*—vocational/technical studies awarded upon completion of four years of study after *Ciclo Basico* by the *Universidad del Trabajo*.
- B₁ *Maestro, profesor*—teacher training degree awarded upon completion of three years of full-time tertiary study.
- B₂ *Licenciado, bachiller* (not to be confused with secondary-level *bachiller*), *doctor* (in diplomacy), *experto, Tecnico en* _____ —first university degree, awarded upon completion of three years of full-time tertiary study.
- B₃ *Profesor Especializado, Director, Inspector*—specialization degrees, awarded after one year of intensive training beyond teaching training degree.
- C *Licenciado, procurador* (legal specialist), *bachiller* (not to be confused with secondary-level *bachiller*), *Tecnico en* _____ —first university degree, awarded upon completion of four years of full-time tertiary study.
- C₁ *Licenciado, arquitecto* (architect), *ingeniero* (engineer), *doctor*—first university degree, awarded upon completion of five years of full-time tertiary study.
- C₂ *Licenciado, ingeniero, notario, doctor*—university degree, awarded upon completion of six years of full-time tertiary study.

Teacher training

- 4, 5, 6 Superior
3 Acceptable
2, 1 Insufficient

- A₂ *Attestat zrelosti* (Certificate of Maturity, completion of academic 11th grade)—represents completion of secondary education in remaining republics.
- A₃ *Diplom* from a *uschilishche* or *technikum* (completion of secondary specialized and technical education)—represents technical high school diploma in medical assistants program, nursing, primary teacher education, technical, and music programs; awarded upon completion of three to four years of technical training (two years if taken following maturity certificate).
- B *Diplom/Professional qualification* from university or institute—first university degree (five years required for most programs).
- B₁ *Udostoverenie* (certificate of higher or improved qualification)—awarded for completion of additional undergraduate education.
- B₂ *Diplom* in medicine—awarded for completion of six-year medical program.
- C *Kandidat, Kandidat Nauk, Kandidat Technicheskikh Nauk, Meditsenskikh Nauk*—graduate degree, awarded for completion of three-year program and thesis; qualification for academic teaching appointments.
- D *Doktor, Doktor Nauk*—minimum two years (usually much longer); awarded for presentation and defense of a thesis that is a significant and original contribution to scholarship. Qualification for full professorships.

Grading System

5	<i>Otlichno</i>	Excellent	A
4	<i>Chorosh</i>	Good	B
3	<i>Udovletvoritel'no</i>	Satisfactory	C
	<i>Zachot or zachte</i>	Pass (P/F)	P
2	<i>Plokho</i>	Fail	F

The grade of One (1) is not used at the university level.

Advice for Admissions Officers

- *Diploms* from universities or institutes are the minimum requirement for admission to U.S. graduate programs. Because of the nature of the *Kandidat Nauk* degree, many individuals may have completed graduate coursework in their particular field beyond the U.S. master's degree; however, this is highly specialized coursework. In general, it is considered equivalent to a U.S. master's degree.

Additional Sources of Information

- Rosen, Seymour, *Education in the U.S.S.R.: Current Status of Secondary Education*. (Manuscript prepared for limited distribution by Comparative Education Branch), Washington, 1982.
- Rosen, Seymour, *Education in the U.S.S.R.—Recent Legislation and Statistics*. DHEW Publication No. OE 75-19117, Washington, U.S. Government Printing Office, 1978.
- Rosen, Seymour, *Education in the U.S.S.R.—Current Status of Higher Education*. DHEW Publication No. OE No. 79-19140, Washington, U.S. Government Printing Office, 1980.
- Rosen, Seymour, *Part-time Education in the U.S.S.R.—Evening and Correspondence Study*. DHEW Publication No. OE 14113, Washington, U.S. Government Printing Office, 1980.

Secondary

Secondary					Tertiary												
9	10	11	12	13	14	14.5	15	16	16.5	17	17.5	18	18.5	19	19.5	20	21

- A *Bachiller*—awarded upon completion of five or six years of secondary education. The basic requirement for admission to tertiary education.
- B *Tecnico Superior, Tecnico Suprior Universitario*—awarded upon completion of two, two and one-half, or three years of tertiary education.
- C *Licenciado*—first university degree, awarded upon completion of four, four and one-half, or five years of tertiary education, and is the basic requirement for admission to graduate study.
- C₁ *Ingeniero* (engineer)—first university degree, typically awarded upon completion of five years of full-time tertiary education. Awarded at the end of four years by one institution.
- C₂ *Profesor*—first university degree, awarded by *institutos universitarios pedagogicos* upon completion of four or four and one-half years of tertiary education.
- C₃ *Tecnologo* (technologist)—first university degree, formerly awarded by *institutos universitarios politecnicos* upon completion of four years of tertiary education. (Currently awarded by the *Universidad de Oriente* after five years of study.)
- C₄ *Abogado* (lawyer)—first university degree, awarded upon completion of five years of full-time tertiary education.
- C₅ *Arquitecto* (architect)—first university degree, awarded upon completion of five (in one case, six) years of tertiary education.
- C₆ *Medico cirujano* (medical surgeon)—first university degree, awarded upon completion of six, six and one-half, or seven years of full-time tertiary education.
- C₇ *Diploma de Especializacion*—a post-*licenciado* diploma, awarded by the *Universidad Simon Bolivar* upon completion of two quarters of coursework. (There are numerous other similar nondegree diplomas or certificates awarded beyond the *licenciado*.)
- D *Magister* (master's degree). Other names for the *magister* are: *maestria, magister en ciencias, magister en educacion, magister scientiae, magister scientiarum, master*—second university degree, awarded upon completion of one or two years of tertiary education beyond the *licenciado* or other comparable first university degree.
- D₁ *Especialista* (specialist)—second university degree, awarded upon completion of two or three years of medical education beyond the *medico cirujano* degree or a one-year program in law beyond the *abogado* degree.
- D₂ Advanced professional degrees, e.g., *Certificado de Psiquiatria* (Certificate of Psychiatry), *Certificado de Residencia Universitaria de Postgrado* (Postgraduate University Residency Certificate), *Psicologo Clinico* (Clinical Psychologist), *Psiquiatra* (Psychiatrist)—awarded upon completion of two or three years of tertiary education beyond the first university degree (*licenciado* or comparable degree).
- E *Doctor or doctorado*—third university degree, awarded upon completion of three (occasionally two) years of post-*licenciado* (or comparable degree) education plus a dissertation.

Venezuela

Since a number of Grading System are currently in use in Venezuelan higher education, individual transcripts should be checked carefully for reference to the grading scale in use, the minimum passing grade, and the minimum grade average required for graduation. The three major grading systems currently practiced are noted below:

<u>Traditional University</u>	<u>Universidad Simon Bolivar</u>	<u>Institutos Universitarios</u>
20-10 pass	5-3 A-C pass	9-5 pass (6 required
9- 0 fail	2 D unsatisfactory	for pass)
		4-1 fail

Advice for Admissions Officers

- Holders of the *licenciado* or other first university degrees requiring at least four years of full-time tertiary education may be considered for graduate admission.
- Students who hold a *magister* or comparable degree may be considered to have a degree comparable to a U.S. master's degree.
- Students who hold a *doctor* or *doctorado* degree may be considered for admission to postdoctoral study.

Additional Sources of Information

Hoover, Gary, *Venezuela: A Study of the Educational System of Venezuela and a Guide to the Academic Placement of Students from Venezuela in Educational Institutions of the United States*. WES, AACRAO, Washington, D.C., 1978.

Educational System

Pre-1973

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
									A ₁	A ₂	A ₃	A ₅		B ₁	B ₂	B ₅	C ₃	D	D ₁	G*
											A ₄	A ₆			B ₃	B ₆			E	
												A ₇			B ₄	C ₁		D ₂	F	
												A ₈			C	C ₅				

*time not specified

- A Junior High School Diploma—awarded upon completion of nine years of education.
- A₁ Junior Technical High School Diploma—awarded upon completion of nine years of education.
- A₂ Junior Vocational High School Diploma—awarded upon completion of 10 years of education.
- A₃ *Tu-Tai (Baccalaureat Part I)*—awarded upon completion of 11 years of education.
- A₄ Technical *Baccalaureat I*—awarded upon completion of 11 years of education.
- A₅ *Tu-Tai II (Baccalaureat II)*—awarded upon completion of 12 years of education.
- A₆ Technical *Baccalaureat II*—awarded upon completion of 12 years of education.

Vietnam

- ### Post-1973

*time not specified

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- C Diploma of Higher Education Graduate/Engineer (sciences, social science, economics, pedagogy, agriculture, arts, cultural activities)—first degree, awarded upon completion of four years of full-time tertiary study.
- C₁ Diploma of Engineer—professional degree, awarded upon completion of five years of full-time tertiary education.
- D Diploma in Medical Science/Doctor—professional degree, awarded upon completion of six years of full-time tertiary education.
- E *Photieu si* (doctorate-1st grade)—second university degree, awarded upon completion of one to two years of full-time graduate study.
- F *Tien si khnoa hoc* (doctorate-2nd degree/doctorate of science)—third university degree, awarded to scholars having completed valuable research work and thesis. Required for appointment for senior professorship. Number of years of study varies.

Grading System

At all levels, marks are given out of 20.

16-20	<i>Tres bien</i>	<i>Uu</i>
14-15	<i>Bien</i>	<i>Binh</i>
12-13	<i>Assez bien</i>	<i>Binh thu</i>
10-11	<i>Passable</i>	<i>Thu</i>

Advice for Admissions Officers

- Completion of a four-year post-Baccalaureat II program (16 years of schooling), leading to the *licence*, bachelors, *ounhan*, or Graduate Diploma may be considered as the minimum requirement for graduate admission.
- Holders of advance degrees beyond the four-year undergraduate degree/diplomas may be considered for admission to advanced graduate programs in the United States.

Additional Sources of Information

Education in Asia and Oceania, Bulletin of the UNESCO Regional Office for Education in Asia and Oceania, by UNES Regional Office in Bangkok, Thailand, 1979.

Guidelines on the Admission of Vietnamese and Cambodian Refugees by an Intersegmental Committee Representing the California Community Colleges, University of California, California State University and Colleges, Association of Independent California Colleges and Universities, 1975.

Reports of the Training Workshop of Asia Educational Credentials, Washington, D.C.: NAESA, 1967.

Distinction or ex

D. C. 16-11

Distinction (First Class)

Second Class Honours—indicates grades of “distinction” or “very good” for the

Very Good—indicates final year performance only.

Good—indicates final year performance only.

Pass—indicates final year performance only.

- Holders of a bachelor's degree may be considered for graduate admission. (Plans for master's degrees are in preparation at this time.)

Yemen

Arab Republic

Yemen

People's Democratic Republic of

Primary					Intermediate				Secondary			Tertiary			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
										A	A ₁		B		C

- A London General Certificate of Education, Ordinary Level (GCE "O" levels)—at the present time, this examination is offered twice yearly.
- A₁ General Secondary Education Certificate (the name of the certificate may vary in translation)—as in other Arab countries, the first year consists of a general program. At the beginning of the 11th year, the student selects either the science or literary stream. At the end of the 12th year, the *thanawiya* examination is offered and those who pass are awarded the GSE certificate. A score of slightly over 40% in either the science or literary section is considered passing.
- B Higher Teacher Training Diploma—awarded upon completion of two years of work beyond the GSE certificate.
- C Bachelor's degree—first university degree, awarded upon completion of four years of postsecondary study.

Grading System

Distinction or excellent	90–100%
Very good	80– 89%
Good	70– 79%
Pass	60– 69%

Advice for Admissions Officers

- Graduates with the four-year bachelor's degree may be considered for graduate admission.

Additional Sources of Information

The Coastal Countries of the Arab Peninsula. WES, AACRAO, Washington, D.C., 1974.

Primary	Secondary
1. <i>Chlamydia trachomatis</i>	1. <i>Chlamydia trachomatis</i>
2. <i>Neisseria gonorrhoeae</i>	2. <i>Neisseria gonorrhoeae</i>
3. <i>Trichomonas vaginalis</i>	3. <i>Trichomonas vaginalis</i>
4. <i>Herpes simplex virus</i>	4. <i>Herpes simplex virus</i>
5. <i>Candida albicans</i>	5. <i>Candida albicans</i>
6. <i>Streptococcus pneumoniae</i>	6. <i>Streptococcus pneumoniae</i>
7. <i>Staphylococcus aureus</i>	7. <i>Staphylococcus aureus</i>
8. <i>Escherichia coli</i>	8. <i>Escherichia coli</i>
9. <i>Haemophilus influenzae</i>	9. <i>Haemophilus influenzae</i>
10. <i>Mycoplasma pneumoniae</i>	10. <i>Mycoplasma pneumoniae</i>
11. <i>Legionella pneumophila</i>	11. <i>Legionella pneumophila</i>
12. <i>Coccidioides immitis</i>	12. <i>Coccidioides immitis</i>
13. <i>Histoplasma capsulatum</i>	13. <i>Histoplasma capsulatum</i>
14. <i>Blastomyces dermatitidis</i>	14. <i>Blastomyces dermatitidis</i>
15. <i>Cryptosporidium parvum</i>	15. <i>Cryptosporidium parvum</i>
16. <i>Isospora belli</i>	16. <i>Isospora belli</i>
17. <i>Cyclospora cayentensis</i>	17. <i>Cyclospora cayentensis</i>
18. <i>Toxoplasma gondii</i>	18. <i>Toxoplasma gondii</i>
19. <i>Microsporidium</i>	19. <i>Microsporidium</i>
20. <i>Parasit</i>	20. <i>Parasit</i>

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
											A		B	B	C	C D	D D ₁	D D ₁ E	E	E

- ## Grading System

Advice for Admissions Officers

- ### Additional Sources of Information

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[illegible]

- A *Diplome de fin d'etudes secondaires*—awarded upon completion of a three-year cycle *superieur court* upper secondary program in professional fields.
- A₁ *Brevet* (in area of specialization)—awarded upon completion of a three-year cycle *superieur court* upper secondary program in professional fields.
- A₂ *Diplome d'etat d'enseignement secondaire*—awarded upon completion of a four-year cycle *long* upper secondary program and successful performance (60 percent or more) on national *Examen d'etat*, a written and oral examination. It is the most common qualification for university admission.
- A₃ *Epreuve d'orientation*—university examination taken shortly after *Examen d'etat* for aptitude testing and orientation.
- A₄ *Propedeutique*—preparatory class for some fields of study, for students who did not pass the *Epreuve d'orientation*, or for students who seek university admission without a *Diplome d'etat*.
- A₅ Alternative certificates for entry to higher education—*Certificat du jury d'enseignement secondaire* awarded by sitting individual exams; *Certificat d'humanites completes with homologation* by the Ministry of Education that the course followed an approved program of studies; or *Certificat du jury universitaire* following a year of preparatory study for a particular faculty.
- B *Diplome d'instituteurs*—awarded upon completion of a four-year cycle *superieur long* program in teacher training followed by one year of practical training.
- B₁ *Baccalaureat*—awarded upon one year of university study in law or theology.
- B₂ *Gradue*—awarded upon completion of a two-year general studies program in social sciences and letters.
- B₃ *Gradue*—awarded upon completion of a three-year university or higher institute programs leading to higher qualifications in engineering, sciences, and law.
- B₄ *Gradue* (in field of specialization)—awarded upon completion of a three-year program at higher institutes; usually a terminal qualification.
- B₅ *Gradue en enseignement*—awarded upon completion of a three-year program at higher institutes of education in sciences, social sciences, humanities, and languages. Qualification for teaching lower secondary school.
- C *Licence* in social sciences and letters—awarded upon completion of a two-year program of specialization beyond the two-year *gradue* in social sciences and letters.
- C₁ *Licence* in sciences and law—awarded upon completion of a two-year program of specialization beyond the three-year *gradue*.
- C₂ *Agregation d'enseignement secondaire superieur*—awarded with *licence* upon completion of a paper on education and practical training. Qualification for teaching upper secondary school.
- C₃ *Licence en enseignement*—awarded upon completion of a two-year specialization at a higher institute of education in sciences, languages, and humanities. The *Gradue en enseignement*, a competitive entrance examination, and professional experience are required for admission. Qualification for teaching upper secondary school and considered equal to university *licence*.

Zaire

- C₄ Professional qualifications (*ingenieur, architect, pharmacien, dentiste*)—awarded upon completion of a two-year program of specialization beyond the three-year *graduate*.
- D *Diplome d'etudes speciales*—awarded upon completion of at least one year of study in law beyond the *licence*.
- D₁ *Diplome de journalisme*—awarded upon completion of a two-year program beyond the *licence*; includes coursework, practical training, and thesis.
- E *Docteur en medecine*—awarded upon completion of a six-year university program in medicine.
- F *Doctorat*—awarded upon completion of variable amounts of coursework and dissertation (usually three years) following *licence*.

Grading System

Individual courses are graded on a 1–20 scale with 10 the minimum passing mark. Yearly grade reports are called:

Premiere candidature/graduate
Deuxieme candidature/graduate
Premiere licence
Deuxieme licence, etc.

Yearly mentions are determined from the following scale:

Above 90	<i>La plus grande distinction</i>
80–90	<i>Grande distinction</i>
70–80	<i>Distinction</i>
50–70	<i>Satisfaction</i>
Below 50	<i>Echec (failure)</i>

Advice for Admissions Officers

- A four- or five-year *licence* or professional qualification is the minimum requirement for consideration for admission to a U.S. graduate school. No graduate transfer credit is recommended for a five-year undergraduate program.
- The *Diplome de journalisme* and the *Diplome d'etudes speciales* may be considered for graduate transfer credit on a course-by-course basis.
- The *Docteur en medecine* should be considered a first professional degree for the practice of medicine.
- Little information is available on the *doctorat*. Programs should be evaluated on an individual basis.

Additional Sources of Information

Admission and Academic Placement of Students from Selected Sub-Saharan African Countries. NAFSA/AACRAO, 1973.
Knowles, Asa S., (ed.), *International Encyclopedia of Higher Education*. Jossey-Bass, San Francisco, 1977.

Zambia

- A General Certificate of Education—secondary school leaving certificate awarded after eight years of primary education followed by four years of secondary education. Examinations are given at two levels: ordinary and advanced. A specified number of passes at ordinary level are required for entry to higher education. Passes at advanced level may result in exemption from some higher education requirements.
- B Diploma—awarded for completion of two to three years of university study in social work, library studies, and teacher education.
- C Bachelor's degree—awarded for completion of four-year university programs.
- C₁ Bachelor's degree in agriculture, engineering, mining, land economics—awarded for completion of five-year university programs.
- C₂ Bachelor's degree in veterinary medicine—awarded for completion of six-year university programs; first professional degree in the field.
- C₃ Bachelor's degree in medicine—awarded for completion of seven years of university studies; first professional degree in the field.
- D M. Ed., M. Eng., M. Min. Sc., LL.M.—awarded after a minimum of 15 months of full-time study or 30 months of part-time study, either for thesis after research in an approved topic or for coursework for one academic year and a thesis.
- D₁ M.A., M.P.A., M. Sc.—awarded after a minimum of 24 months of full-time study or 36 months of part-time study, either for a thesis after research in an approved topic or for coursework for one academic year followed by a thesis.
- D₂ M. Med.—awarded for completion of four years of part-time coursework, clinical practice, and residency.
- E Ph.D.—awarded for completion of a dissertation after a minimum of two years' full-time or three years' part-time study beyond the master's degree.

Bachelor's degrees are awarded with the following designations:

Advice for Admissions Officers

- Holders of a bachelor's degree may be considered for graduate admission.
- Holders of a master's degree may be considered to have a degree comparable to a U.S. master's degree.
- Holders of a Ph.D. degree may be considered to have a degree comparable to a U.S. Ph.D. degree.

Zimbabwe

Educational System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
										A	A ₁	A ₂	B	C	C ₁	C ₂	C ₅	D	D	D ₁	D ₁	D ₁	E ₁
											B ₁	B ₁	B ₁			C ₃	D	D ₂				F	F
																C ₄	D ₂	E					
																D							

- A Cambridge General Certificate of Education, Ordinary Level (GCE "O" Level)—awarded after passing examination at the end of 11 years of primary and secondary schooling.
- A₁ Certificate in Agriculture—three-year program beyond grade nine.
- A₂ Cambridge General Certificate of Education, Advanced Level (GCE "A" level)—awarded after passing examination at the end of 13 years of primary and secondary schooling.
- B Certificate in Education—awarded upon completion of three years of training in institutions associated with the University of Zimbabwe. Entry requirement is GCE "O" levels.
- B₁ Diplomas and certificates—awarded on the nondegree level after one to three years of full- or part-time study beyond GCE "O" levels.
- C Bachelor's degree—degrees consist of one to two years of study beyond the award of a diploma. Examples: the Bachelor's in Social Work, awarded after one year of study beyond the three-year diploma in social work or the Bachelor's in Adult Education, awarded after two years of study beyond the two-year diploma in adult education.
- C₁ Bachelor's degree—awarded in the arts and sciences after three years of university study beyond GCE "A" levels. Some degrees are offered at the "honours" level. These also are three years in length.
- C₂ Bachelor's degree, special honours—bachelor's degrees are awarded in certain arts and sciences fields for either one year of full-time or two years of part-time study beyond the three-year general degree.
- C₃ Bachelor's degree—awarded after four years of university study in engineering and surveying, and after four years of part-time study in adult education.
- C₄ LL.B.—awarded after one year of full-time study beyond the Bachelor of Law.
- C₅ Bachelor of Medicine, Bachelor of Veterinary Science—awarded after five years of university study in medicine and veterinary science.
- D Master's degree—awarded after one to two years' study, full-time and part-time, beyond the bachelor's degree. Degrees require various combinations of coursework, research, examination, and dissertation.
- D₁ Master of Medicine—awarded in general medicine after three years of part-time study, in specializations after four years of part-time study, and in pathology after five years of part-time study.
- D₂ Master of Philosophy—awarded after a minimum of two years' full-time or three years' part-time study after research in an approved topic.
- E Doctor of Philosophy—awarded after a minimum of three years' full-time or four years' part-time study after research in an approved topic.
- E₁ Doctor of Medicine (MD)—open to holders of bachelor's of medicine degree. Awarded by thesis. Requires six years' work experience following the Bachelor of Medicine.
- F Higher doctorate—offered in law, humanities, and science after submission of published work making a substantial contribution to knowledge in a particular field. Awarded after a minimum of eight years beyond the award of first degree or five years of teaching at the university.

Grading System

First Class	A
Second Class (I)	A-/B+
Second Class (II)	B/B-
Third Class	C+
Pass	C

Zimbabwe

Advice for Admissions Officers

- Applicants with a bachelor's degree, with or without special honours, may be considered for graduate admission.
- Applicants with a master's degree, including the Master of Philosophy, may be considered to have a degree comparable to a master's degree in the United States.
- Holders of the Doctor of Philosophy may be considered to have a degree comparable to a Ph.D. in the United States.

Additional Sources of Information

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Ernie Griff
Virginia Gross
Marcelle Heerschap
Gary Hoover
Jack Hoover
John Lembo
Fred Lockyear
Alan Margolis

Ruth McNichols
Mariam Morrissey
Gloria Nathanson
Bill Paver
Georgianne Porter
Liz Reisberg
Jean Ringer
Diane Roney
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NAFSA's widely used and highly regarded "Grad Handbook" contains up-to-date information on the educational and grading systems of foreign countries. While primarily designed to meet the needs of persons involved in placing foreign students in U.S. institutions at the graduate level, the reference work also provides undergraduate admissions officers with useful information on many secondary and postsecondary programs. Entries containing advice for admissions officers suggest general guidelines for admission and placement. Each country profile also lists additional sources of information, and the volume contains a general bibliography as well.

The 1990 edition of the "Grad Handbook" will, like its predecessors, be invaluable to admissions and placement specialists at American educational institutions.

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